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UNITED STATES DEPARTMENT OF AGRICULTURE
Weather Bureau --- Bureau of Agricultural Economics

REPORT OF WEATHER AND CROP CONDITIONS IN MONTANA
Week Ending Tuesday, June 4, 1935.

*Issued jointly by the Division of Crop and Livestock Estimates and the Weather Bureau.
Offices: Fourth Floor, Federal Office Building, Helena, Montana.*

Precipitation throughout the State during the week ending Tuesday, June 4th, was mostly in the form of scattered showers occurring around the middle of the period, and ranging from very light and inadequate amounts in some western districts to excessive and highly beneficial amounts in many eastern districts. Heavy rains flooded creeks in some parts of Carbon County and undermined some bridges. Heavier movement of snow water from the mountain districts filled reservoirs and irrigation ditches and kept mountain streams generally at high levels. The first part of the week was warm; the latter part was rather windy and somewhat cooler, and not so good for best crop development. Sunshine was fairly adequate, although there was a marked tendency for skies becoming overcast during afternoons. Hail accompanied showers in a few instances, but damage reported so far has been negligible.

Weather and soil conditions were favorable for the progress of field work and a good growth of most crops. Seeding has been completed with the exception of some corn, beans, flax, millet and other forage crops. Rain is needed in some southwestern and northeastern districts, where there are spots that have not fared well in the occurrence of recent showers. With these few exceptions surface soils over the State still have a fair to good moisture content, although inadequate because of subsoil drought to continue good crop progress for very long during real hot weather unless replenished by normal or better June rainfall at proper intervals. Weather conditions were favorable for pollination and a good set on fruit trees as these reached or passed their full bloom stage during the week. Conditions were also favorable for spraying. Summer-fallowing made rapid advancement; some farmers have just begun, while a few have found it too dry to plow.

Generally winter and early sown spring grain crops appear in a very thrifty condition. Cool weather has caused additional stooling, which in a few winter wheat fields where weeds have also made thick growth will require much moisture during the remainder of the growing season to produce a normal grain yield. Late sown grain crops, row crops, and gardens are coming up nicely. Rains during the past week were especially beneficial in germinating newly seeded fields; some fields in the west, however, required irrigation for this purpose. In the southeast the general crop situation is reported the best in years, with grass making a remarkable recovery from drought effects. Rye has headed in places, and winter wheat has reached the boot stage in the later growing areas. In Judith Basin winter-killing, rot, and other unfavorable conditions, have left the winter wheat with only fair prospects. Beets have made rapid progress in spite of the cool weather. Thinning, blocking, and cultivation continues in most fields, although in some of the late areas seeding has only been finished.

Some damage to crops continued in Big Horn County from Mormon crickets and was reported for the first time from Sweetgrass and Glacier Counties. Grasshoppers are reported hatching out in all parts of the State, although not in sufficient numbers as yet to cause any concern. Poison is available for use against both crickets and grasshoppers.

Ranges, pastures, and hay lands continued to improve under the stimulus of fairly adequate sunshine and beneficial showers. The weather has been too cool all spring for much growth of grass in some areas, but it has started well and while short at present will likely make excellent growth later when warm weather comes. Alfalfa has progressed steadily; thin growths in the east have become rather weedy. Improvement in livestock in the eastern districts has kept pace with the development of grazing. In the west most livestock are already in good to excellent condition. Weather conditions have been mostly favorable for shearing; most shearing, however, remains to be done.

WEEKLY TEMPERATURE AND PRECIPITATION DATA

Station	Highest temperature	Lowest temperature	Total Precipitation
Billings	76	40	0.17
Bozeman	72	34	0.93
Cut Bank	72	28	0.14
Glasgow	74	35	0.95
Glendive	75	39	0.74
Great Falls	79	39	0.49
Havre	80	42	0.24
HELENA	74	39	0.09
Kalispell	80	36	0.03
Lewistown	75	34	0.48
Miles City	72	44	0.66
Missoula	80	36	0.72

*W. E. Maughan, Weather Bureau.
Jay G. Diamond, Division of Crop and Livestock Estimates.*

*June 5, 1935.
Helena, Montana.*

THE FOLLOWING COUNTY SUMMARIES OF CROP CONDITIONS FOR WEEK ENDING JUNE 1, 1935, ARE FURNISHED THROUGH THE COURTESY OF DIRECTOR J. C. TAYLOR, MONTANA STATE EXTENSION SERVICE.

BEAVERHEAD: FEW LOCAL SHOWERS; RAIN THURSDAY NIGHT AND FRIDAY GENERAL ALL OVER COUNTY; GROWING CONDITIONS GOOD. STILL SOME SEEDING TO BE DONE. FAIR LAMB CROP. GRASS GOOD.

BIG HORN: - HEAVY RAIN OVER EASTERN HALF OF COUNTY DURING THE PAST WEEK AND PLENTY OF MOISTURE OVER ENTIRE COUNTY. CROPS ARE MAKING GOOD PROGRESS. THE RANGE IS THE BEST IN YEARS. ALFALFA SOMEWHAT SLOW AND FIRST CUTTING WILL BE WEEDY. BEETS MAKING RAPID GROWTH IN SPITE OF COOL WEATHER. BLOCKING AND THINNING WELL UNDER WAY. STAND ABOVE THE AVERAGE. LIVESTOCK GAINING DAILY. SHEEP IN GOOD SHAPE; SHEARING WILL BEGIN ABOUT JUNE 5 PROVIDING WEATHER WARMS UP. CRICKETS MENACING, AND A FEW OUT-CROPS OF GRASSHOPPERS REPORTED.

BLAINE: - NO PRECIPITATION DURING THE PAST WEEK. SUNSHINY DAYS, WITH COOL NIGHTS. GROWING CONDITIONS FAIR; HOWEVER, SOMEWHAT DELAYED DUE TO COOL WEATHER. ALL SEEDING IS COMPLETED WITH THE EXCEPTION OF LATE FEED CROPS. CROPS LOOK EXCEPTIONALLY GOOD, ALTHOUGH SOMEWHAT LATE. THINNING OF SUGAR BEETS STARTED THIS WEEK. LIVESTOCK SHOW CONSIDERABLE IMPROVEMENT DUE TO THE IMPROVEMENT OF RANGE CONDITIONS IN GENERAL.

CARBON: - MOST SEEDING COMPLETE AND MAJORITY OF CROPS UP ENOUGH TO COMPLETELY SHADE GROUND. PRECIPITATION .20 INCH FOR THE WEEK. ORCHARDS IN FULL BLOOM AND A SPRAYING PROGRAM IS BEING STARTED FOR COOLING MOTH PROTECTION. LIVESTOCK FAIR.

CARTER & FALLON: PRECIPITATION .80 INCH IN BAKER. WEATHER STILL COOL BUT GROWING CONDITIONS CONTINUE FAVORABLE. GRAINS STOOING OUT AND RANGE GRASSES GROWING EXCELLENT. MOST WHEAT IS UP AND SOME BARLEY AND OATS. CORN IS BEING SEEDING WHEN WEATHER WILL PERMIT. GOOD STANDS OF GRAIN REPORTED. AREAS WHERE IT SEEMED EARLY THAT RANGE GRASSES WERE KILLED OUT SEEM TO BE COMING BACK WITH ONLY A PARTIAL KILL. APPROXIMATELY 80% LAMB CROP, WITH LAMBS IN GOOD SHAPE. LOTS OF GRASS AND SUFFICIENT WATER SO THAT GRAZING CONDITIONS ARE EXCELLENT. CATTLE PICKING UP FAST AND PRACTICALLY ALL STOCK IS ON THE RANGE.

CASCADE: - COOL AND CLOUDY WEATHER CONDITIONS DURING THE PAST WEEK HAVE PROLONGED THE BENEFITS FROM EARLY SEASON PRECIPITATION. LACK OF SUB-SOIL MOISTURE MAKES IMPERATIVE THE NEED FOR CONTINUED PRECIPITATION DURING THE MONTH OF JUNE. WINTER WHEAT IS IN EXCELLENT CONDITION GENERALLY, WITH 3 CASES OF CUTWORM DAMAGE HAVING BEEN REPORTED. GRASSHOPPERS ARE JUST STARTING TO HATCH AND IT IS ANTICIPATED THAT THERE WILL BE NO DIFFICULTY IN CONDUCTING AN EFFECTIVE CONTROL PROGRAM. INDICATIONS ARE THAT THERE WILL BE CONSIDERABLE DAMAGE FROM GREEN BUGS. SPRING SEEDING IS PRACTICALLY COMPLETED. LIVESTOCK IN GOOD CONDITION, THERE BEING AMPLE GRASS.

CHOUTEAU: CHANGEABLE WEATHER, VARYING FROM HOT SULTRY TO COOL AND CLOUDY WEATHER, WITH SCATTERED SHOWERS IN SOME SECTIONS. WINTER WHEAT IS GENERALLY WEEDY WITH HEAVY GROWTH WHICH WILL REQUIRE MUCH MOISTURE TO MAKE NORMAL YIELD. SPRING SEEDING COMPLETED WITH SURFACE MOISTURE ADEQUATE IN MOST SECTIONS FOR IMMEDIATE GERMINATION. SOIL IN SOME SECTIONS GETTING TOO DRY TO PLOW. SIXTY PER CENT OF INITIAL OPERATION OF SUMMER FALLOW COMPLETED. GRASS VERY GOOD AND WATER ADEQUATE AT PRESENT. LIVESTOCK IN GOOD CONDITION. GRASSHOPPERS ARE REPORTED HATCHING IN MANY SECTIONS WITH NO DAMAGE TO OATS.

CUSTER-POWDER RIVER: GENERAL GROWING CONDITIONS FOR ALL CROPS AND GRASS GREATLY IMPROVED BY RECENT RAINS. PRECIPITATION FOR THE WEEK .56 INCH. IMMEDIATE FORECAST FOR CONTINUANCE OF PRESENT SHOWERS. GRAIN SEEDING COMPLETED; MANY FIELDS ALREADY SPROUTED AND LOOKING GOOD. ALFALFA MAKING GOOD GROWTH, BUT THE REMAINING STAND WILL GENERALLY NOT MAKE HALF A CROP. PROSPECTS GOOD FOR A CROP OF BLUE JOINT HAY IN SECTIONS RECEIVING NORMAL RAINFALL. ALL STOCK PICKING UP IN PROPORTION TO THE IMPROVEMENT OF THE RANGES. GRAZING CONDITIONS GENERALLY BETTER IN POWDER RIVER COUNTY THAN IN CUSTER. SOME RESTOCKING OF CATTLE MAY TAKE PLACE IF FEED CONDITIONS CONTINUE TO IMPROVE, BUT WILL NOT BE A GENERAL MOVEMENT. MOST CREDIT AGENCIES CHIEFLY INTERESTED IN HOLDING THE PROPER BALANCE BETWEEN PRESENT LIVESTOCK AND FEED AND GRASS SUPPLIES. CALF CROP LOOKS LIKE 50-60 PER CENT. SHEEP DOING WELL; LAMBING OVER, AVERAGE CROP WILL NOT BEAT 65%. SHEARING TO START NEXT WEEK.

DANIELS: - FAIR AMOUNT OF SURFACE MOISTURE. SCATTERED SHOWERS OVER COUNTY. CROP CONDITIONS FAVORABLE. PRACTICALLY ALL SEEDING COMPLETED. SOME FEED CROPS AND FLAX YET TO BE PLANTED. LIVESTOCK PICKING UP ON GRASS.

DAWSON: - SOME WIND THROUGHOUT THE WEEK, WITH TEMPERATURES COOL. SHOWERS QUITE GENERAL THROUGHOUT THE COUNTY TOWARD END OF WEEK AND A GENERAL RAIN AT THE CLOSE. MAY PRECIPITATION WAS 2.45 INCHES, WITH 1.60 INCHES FOR APRIL, BRINGING THE TOTAL SINCE THE FIRST OF APRIL TO 4.05 INCHES. THIS IS IN CONTRAST WITH .24 INCH FOR THE SAME TIME LAST YEAR. WHEAT SEEDING PRACTICALLY COMPLETE, WITH TOTAL ACREAGE SOMEWHAT UNDER AVERAGE; FEED GRAIN CROPS WELL ALONG TO FINAL SEEDING AND EARLIER SEEDINGS SHOWING GOOD GROWTH. CORN PLANTINGS ALSO QUITE WELL ALONG. GRASS CONTINUES TO SHOW GOOD GROWTH WITH THE SLOWER TYPES STARTING TO SHOW UP. STOCK GENERALLY REACTING TO THE IMPROVED FEED. CALF AND LAMB PERCENTAGES ABOUT HOLDING EARLIER FIGURES; SOMEWHAT BETTER THAN EXPECTED AT FIRST, BUT BELOW AVERAGE.

FERGUS: - PRECIPITATION .30 INCH. ALL CROPS MAKING RAPID GROWTH. WEEDS IN SOME FIELDS CAUSING MORE DAMAGE THAN IT WAS FIRST THOUGHT THEY WOULD, ALTHOUGH IT PROBABLY WILL NOT MATERIALLY REDUCE YIELDS. CORN BEING SEEDING IN MOST SECTIONS OF THE COUNTY. LAMBING PRACTICALLY COMPLETED. SHEARING STARTED. LIVESTOCK GENERALLY IN GOOD CONDITION. RANGE IMPROVING.

GALLATIN: - COLD EAST WIND FOREPART OF WEEK, AND GENERAL RAINS LATTER PART. PLANTING OF ALL CROPS PRACTICALLY COMPLETE. SUMMER FALLOWING STARTED IN ALL DISTRICTS. IRRIGATION OF HAY AND PASTURE NEARLY COMPLETED. HIGH WATER IN STREAMS CONTINUES. FARM FLOCK LAMBS BEING FINISHED OUT FOR EARLY JUNE SHIPMENTS.

GLACIER: - SEASONAL WEATHER WITH LOCAL SHOWERS. MOST GRAIN CROPS SEEDING AND COMING UP IN EXCELLENT SHAPE. SOME SEEDING STILL IN PROGRESS. ALFALFA CROPS COMING ALONG GOOD. RANGE GRASS AND WILD HAY MEADOWS MAKING BETTER GROWTH THAN FOR LAST 5 OR 6 YEARS. LITTLE WIND AND PRACTICALLY NO SOIL BLOWING UNTIL SATURDAY, WITH A FEW FIELDS STARTED TO MOVE. LIVESTOCK ARE NOW IN GOOD CONDITION. SOME SHEARING TO START THIS WEEK. MORMON CRICKET CONTROL STARTED ON ABOUT 1000 ACRE AREA AT HEAD OF MARIAS RIVER.

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GOLDEN VALLEY & MUSSELSHELL: LOCAL SHOWERS IN BOTH COUNTIES; GROWING CONDITIONS SPLENDID, WITH SLIGHTLY WARMER WEATHER. THE CROP CONDITIONS ARE VERY GOOD IN MOST PLACES WITH THE EXCEPTION OF AN AREA AROUND ROTHIE-MAY IN GOLDEN VALLEY COUNTY WHERE THEY HAVE HAD VERY LITTLE RAIN THIS SEASON. THERE HAS BEEN SLIGHT DAMAGE ON WINTER WHEAT BY THE WIRE WORM, OTHERWISE THE CROP CONDITIONS IN BOTH COUNTIES ARE VERY GOOD, WITH PLENTY OF MOISTURE SO FAR. LIVE-STOCK CONDITIONS ARE GETTING VERY FAVORABLE. THE GRASS HAS BEEN SLOW IN STARTING, DUE TO THE COOL NIGHTS. MOST LIVESTOCK HAS BEEN TURNED OUT ON THE RANGE AND ARE GETTING PLENTY OF GRASS AND WATER, SO THEY WILL BE PICKING UP IN FLESH FROM NOW ON.

HILL: - PRECIPITATION .05 INCH FOR THE PAST WEEK. CONTINUED IMPROVED GROWING WEATHER HAS BENEFITTED THE GROWING CROPS AND RANGE CONDITIONS. SEED-ING OF SMALL GRAINS IS COMPLETED. CORN IS PRACTICALLY ALL IN. SUFFICIENT MOISTURE AT PRESENT. RANGE CONDITIONS IMPROVING. CONTINUED WARM WEATHER WILL HELP THE GRASS AND FEED CROP GROWTH. LIVESTOCK IMPROVING RAPIDLY.

JUDITH BASIN: NO PRECIPITATION. GENERAL GROWING CONDITIONS FAIR. WEATHER HAS REMAINED REALLY TOO COOL FOR IDEAL GROWING CONDITIONS. THE PAST WEEK HAS BEEN FAVORED WITH CONSIDERABLE SUNSHINE, HOWEVER. MOST OF THE SPRING WHEAT IS UP AND LOOKS VERY GOOD. THE WINTER WHEAT THAT PULLED THROUGH THE WINTER IS NOT AS PROMISING FOR A GOOD CROP AS IT SHOULD BE. WEEDS ARE EXTREMELY BAD ON SUMMER FALLOWED WINTER WHEAT. SOME EVIDENCE OF ROOT ROT IS INDICATED. APPARENTLY THE WINTER WAS UNFAVORABLE AND LOWERED THE VITALITY OF A GOOD DEAL OF THE WHEAT THAT WAS NOT KILLED TO THE EXTENT THAT IT IS QUESTIONABLE AS TO WHETHER IT WILL MAKE A CROP OR NOT. WITH APPROXIMATELY 80% PULLING THROUGH THE WINTER, THERE IS PROBABLY LESS THAN 50% OF THAT THAT LOOKS AS IF IT WOULD MAKE A GOOD CROP. STUBBLED-IN WINTER WHEAT APPEARS GENERALLY TO BE GOOD. LIVESTOCK ARE ALL ON RANGE NOW AND THE RANGE GRASS IS GROWING VERY RAPIDLY.

LAKE: - - HAD A LARGE PERCENTAGE OF SUNSHINE, AND ONLY A FEW SHOWERS FELL. NIGHTS HAVE BEEN WARMER SO THAT THERE HAS BEEN A GOOD GROWTH OF PLANTS. WITH THE WARM WEATHER CAME A LOT OF RUN-OFF FROM THE SNOW-COVERED MOUNTAINS AND IRRIGATION DITCHES ARE FULL AND CAUSING THE RESERVOIRS TO RAISE. SPRING GRAIN IS COVERING THE GROUND IN SOME PLACES. WINTER WHEAT LOOKS VERY GOOD. A LARGE PERCENTAGE OF THE SUGAR BEETS HAVE COME THROUGH AND CULTIVATION IS IN PROGRESS IN ALL COMMUNITIES. PROSPECTS ARE THAT THE HAY CROPS WILL BE UP TO NORMAL. PRACTICALLY ALL WOOL HAS BEEN SHORN. ALL LIVESTOCK ARE IN GOOD CONDITION. CRICKETS AND GRASSHOPPERS HAVE HATCHED OUT. BOTH TYPES OF INSECTS WILL COVER A CONSIDERABLE AREA, BUT IT IS NOT EXPECTED THAT THEY WILL BE REAL SERIOUS SINCE IT LIES IN OUR HANDS TO CONTROL THEM.

LEWIS & CLARK: COOL WEATHER WITH OCCASIONAL LIGHT SHOWERS DURING THE WEEK. NO GENERAL RAIN, HOWEVER. CROPS MADE FAIR GROWTH DURING THE WEEK. RAIN IS NEEDED IN THE SOUTHERN PART OF THE COUNTY. ONLY OCCASIONAL LIGHT SHOWERS OVER SMALL AREAS HAVE FALLEN DURING MAY. POTATOES ARE JUST COMING UP AND WINTER WHEAT IS IN THE BOOT. IRRIGATION WATER IS PLENTIFUL. THE COOL WEATHER HAS PREVENTED ANY RAPID RUN-OFF OF WATER AND IT IS EXPECTED THAT STREAMS WILL HOLD UP LATER INTO THE SUMMER THAN LAST YEAR. ~~MOST LIVESTOCK HAVE BEEN MOVED BACK ONTO THE SUMMER RANGES~~ WHERE THE GRASS IS GENERALLY VERY GOOD. SOME OF THE LOWER RANGES ARE IN NEED OF MOISTURE. GRASSHOPPERS ARE HATCHING BUT IT IS NOT EXPECTED THAT THERE WILL BE SUFFICIENT NUMBERS TO CAUSE MUCH DAMAGE.

MISSOULA: - CLEAR AND WARM MOST OF WEEK. GOOD SHOWER WITH SOME HAIL COVERED PART OF COUNTY LAST OF WEEK. COOLER LATTER PART OF WEEK. IRRIGATION IN FULL PROGRESS IN ALL SECTIONS. CREEKS DELIVERING GOOD FLOW OF WATER. DRY LAND GETTING QUITE DRY IN SOME LOCALITIES. WINTER WHEAT AND HAY DOING WELL. SPRING GRAIN SPOTTED STAND IN SOME LOCALITIES. FRUIT TREES IN OR PAST BLOOM. GOOD SET OF FRUIT INDICATED. SUGAR BEET SEEDING COMPLETED. THINNING AND BLOCKING STARTED IN SOME FIELDS. PASTURES AND RANGES STILL IMPROVING.

PARK: - - WEATHER REMAINS COOL. GROWTH OF CROPS STILL RETARDED. MOISTURE CONDITIONS FAVORABLE. CROP CONDITIONS FAVORABLE. LIVESTOCK NORMAL. LABOR SITUATION NORMAL.

PHILLIPS: - WARMER WEATHER WITH SLIGHT WINDS THE FIRST PART OF THE WEEK. SMALL SHOWER FRIDAY MORNING AND CLOUDY THE LATTER PART OF THE WEEK. CROP CONDITIONS GOOD. FARMERS ARE POISONING GOPHERS NOW, SINCE THE MAIN CROPS ARE IN, TO PROTECT THEM. WINTER WHEAT AND RYE FIELDS ESPECIALLY NICE; STAND UP ABOUT A FOOT. SOME FARMERS ARE PLANTING CORN AND FLAX. GRAZING CONDITIONS GOOD FOR LIVESTOCK. OCCASIONAL SHOWERS HAVE KEPT GRASS GREEN AND WATER HOLES FROM GETTING DRY.

PONDERA: - CLEAR AND WARM THE MAJOR PORTION OF THE WEEK. RAINED TUESDAY NIGHT, AND HEAVY SHOWER FRIDAY AFTERNOON; SATURDAY CLOUDY AND QUITE WINDY. PRACTICALLY ALL WHEAT SEEDING HAS BEEN COMPLETED, INCLUDING FEED CROPS. WHEAT SHOWING SPLENDID STAND AND A GOOD GROWTH IN THE MAJOR PORTION OF THE COUNTY EXCEPT IN THOSE REGIONS WHERE IT WAS TOO WET TO WORK. SOME WIRE WORM AND CUT WORM DAMAGE EXPERIENCED IN THE REGION OF BRADY OR THE SOUTH-CENTRAL PART OF THE COUNTY. MORMON CRICKETS ATTACKING CROPS ON WHAT APPEARS WILL BE AN 8 MILE FRONT. CONTROL OPERATIONS BEGAN THE LATTER PART OF THE WEEK BUT WERE SUSPENDED DUE TO THE DROPPING OFF OF FERA SUPPORT ON MAN POWER. GRASS HAS MADE TREMENDOUS DEVELOPMENT IN THE PAST WEEK DUE TO SHOWERS AND WARM GROWING WEATHER AND PANGE AT THE PRESENT TIME IS THE BEST THAT IT HAS BEEN FOR SOME TIME. FIRST GROWTH OF ALFALFA RANGING FROM 6 TO 10 INCHES AND HAS THE EAR-MARKS OF MAKING A GOOD FIRST CUTTING. MOST LIVESTOCK TAKEN CARE OF SO FAR IS SMALLER RANGE IS CONCERNED AS REPORTED IN PRIOR REPORTS WITH OOD SMALL HERDS HERE AND THERE. LESSER AND GREATER MIGRATORY HOPPERS BEGINNING TO HATCH IN ISOLATED AREAS WHERE OLD STUBBLE FIELDS LAID OVER. IN ADDITION TO THIS THERE IS A RATHER SERIOUS HATCHING ON NATIVE SOO AVERAGING APPROXIMATELY 12 HOPPERS PER SQUARE FOOT ON THE RESERVATION AND IN OTHER ISOLATED AREAS IT RUNS FROM 2 TO 10, ESPECIALLY ON LAND ADJACENT TO HEADLANDS AND ROADS.

PRAIRIE: - GOOD SHOWERS REPORTED IN THE NORTHERN PART OF PRAIRIE COUNTY; THE REST OF THE COUNTY RECEIVED LIGHT SHOWERS. WHEAT IS STOOING BUT IS NOT GROWING VERY RAPIDLY DUE TO THE COOL WEATHER. GOOD STANDS WHEREVER SEEDING. SEEDING OF SMALL GRAINS IS PRACTICALLY COMPLETED. SOME WHEAT LAND WILL BE SEEDING TO FLAX, WHERE DELAYS OCCURRED AND THE WHEAT COULD NOT BE PLANTED ON TIME. SOME WHEAT STUBBLED-IN SHOWS QUITE A THISTLE GROWTH. CONDITION OF LIVESTOCK IS IMPROVING ON GRASS. SOME GOOD LAMB AND CALF CROPS REPORTED, THOUGH EARLY LAMBS SHOWED A SEVERE LOSS, WHICH MAKES THE AVERAGE ABOUT NORMAL.

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RICHLAND: - APPROXIMATELY 3/4 OF AN INCH OF MOISTURE FELL OVER HALF THE COUNTY WITH SLIGHT PRECIPITATION OVER THE ENTIRE COUNTY DURING THE WEEK. PRACTICALLY ALL SMALL GRAINS HAVE BEEN PLANTED UP TO DATE AND GROWERS ARE IN FULL SWING IN PLANTING THEIR CORN WITH MOST OF THE CORN BEING LISTED IN. IT IS ESTIMATED THAT THERE WILL BE A LARGER ACREAGE OF FEED CROPS PLANTED THIS YEAR WITH FAVORABLE MOISTURE CONDITIONS TO GERMINATE THESE CROPS. NO TROUBLE HAS BEEN REPORTED FROM CUT WORMS AND OTHER INSECTS ALTHOUGH A FEW HOPPERS HAVE BEEN HATCHING IN CERTAIN LOCALITIES BUT NOT SUFFICIENT NUMBER TO CAUSE ANY CONCERN. RANGE CONDITIONS HAVE GREATLY IMPROVED WITH SUFFICIENT GRASS ON MOST OF THE RANGES TO CARRY STOCK THROUGH FOR THE REST OF THE PERIOD.

ROOSEVELT: GOOD GROWING CONDITIONS THROUGHOUT THE WEEK WITH WARMER WEATHER. NO PRECIPITATION EXCEPT IN LIMITED AREAS. TOTAL RAINFALL FOR THE MONTH OF MAY HAS BEEN ABOUT 1.5 INCHES. ALL CROPS MAKING GOOD GROWTH WITH THE EVENEST STANDS IN MANY YEARS. GRAIN IS STOOING AND MANY FIELDS WILL BE TOO THICK UNLESS MORE THAN NORMAL RAINFALL COMES IN JUNE. VERY LITTLE CROP DAMAGE REPORTED BY CUTWORMS AND THERE ARE NO INDICATIONS OF GRASSHOPPERS. ALL LIVESTOCK IMPROVING IN CONDITION AS GRASS MAKES GOOD GROWTH.

ROSEBUD: - SHOWERS LATTER PART OF WEEK HAVE HELPED SOIL MOISTURE. HIGH WINDS LATTER PART NOT SO GOOD. WEATHER HAS BEEN COOL. ALL SPRING AND WINTER GRAIN LOOKING GOOD. CUTWORMS HAVE DONE SOME DAMAGE. CRICKETS HAVE DONE DAMAGE TO SOME OATS. GRASSHOPPERS REPORTED IN SEVERAL SPOTS IN COUNTY. EARLY PLANTED CORN UP IN GOOD SHAPE. SOME PLANTING STILL IN PROGRESS. BEET THINNING STARTED. STANDS GENERALLY GOOD. ALL LIVESTOCK IN GOOD SHAPE. WATER CONDITIONS IN NORTH PART OF COUNTY IMPROVED IN SPOTS. CRICKET CAMPAIGN IN FULL SWING.

SANDERS: - SCATTERED LOCAL SHOWERS OVER SMALL AREAS. MOISTURE CONDITIONS FAIR. IMPROVED GROWING CONDITIONS WITH WARMER TEMPERATURE. CROPS MAKING SLOW GROWTH ACCOUNT OF COOL NIGHTS AND COOL DAYS. VERY GOOD STANDS IN ALL SPRING CROPS. HAY MEADOWS VERY BACKWARD. ALL SPRING SEEDING COMPLETED. LIVESTOCK IN VERY GOOD CONDITION. RANGE FAIR AND NEEDING RAIN. GRASS VERY SHORT ACCOUNT OF COLD SPRING WEATHER.

SHERIDAN: - PRECIPITATION MAY [1ST TO 28, 3.0] INCHES. COOL AND CLOUDY. WHEAT MAKING RAPID GROWTH; CORN AND POTATOES VERY SLOW. MOST WHEAT SEEDING COMPLETE. CONSIDERABLE FLAX BEING SEEDING DUE TO LATE SPRING AND LATE RAIN. GRAZING IMPROVING RAPIDLY. LIVESTOCK IMPROVING.

STILLWATER: GROWING CONDITIONS FAVORABLE WITH GRASS MAKING VERY RAPID GROWTH. .07 INCH RAINFALL FOR THE WEEK. SEEDING HAS BEEN DELAYED MATERIALLY AND THERE IS STILL CONSIDERABLE SPRING GRAIN TO BE PLANTED. CROPS MAKING VERY GOOD GROWTH. SUMMER FALLOWING STARTED IN PARTS OF THE COUNTY. SOME REPORTS OF GRASSHOPPERS HATCHING ALTHOUGH NO DAMAGE HAS BEEN REPORTED. LIVESTOCK PICKING UP IN CONDITION ON NEW GRASS. CALF CROP LIGHTER THAN USUAL. SHEARING STARTED ON SOME SMALL FLOCKS.

SWEET GRASS: PRECIPITATION .25 INCH. GENERAL GROWING CONDITIONS SLOW ON ACCOUNT OF COOL WEATHER AND FROSTS. SHOWERS SCATTERED. AMPLE MOISTURE. SOIL CONDITION GOOD. TWO-THIRDS OF CROP PLANTED. CONDITION OF LIVESTOCK ONLY FAIR. SHEARING GETTING UNDER WAY. MAJORITY OF WOOL DISPOSED OF. LIVESTOCK RAPIDLY GAINING ON GRASS WHICH IS GROWING RAPIDLY CONSIDERING COOL WEATHER. GRASSHOPPERS HATCHING RAPIDLY IN SPOTS. STARTING A CONTROL PROGRAM ON MORMON CRICKETS ON AN ESTIMATED AREA OF ABOUT 500 ACRES.

TETON: - - .09 INCH PRECIPITATION FOR WEEK. GENERAL GROWING CONDITIONS FIRST CLASS. 100 PER CENT OF SPRING WHEAT IS SEEDING AND CONSIDERABLE IS UP AND LOOKING FINE. SOME DAMAGE IS BEING REPORTED FROM GRASSHOPPERS, SO POISONING IS IN OPERATION IN SOME SECTIONS. LIVESTOCK ARE IN FAIR CONDITION. LIVESTOCK BEING MOVED TO SUMMER RANGE.

TOOLE: - - WEATHER HAS BEEN FAIRLY WARM THROUGHOUT THE WEEK. PRACTICALLY ALL WHEAT IN THE COUNTY IS SEEDING AND CROPS HAVE MADE RAPID PROGRESS AND ARE LOOKING GOOD. OTHER CROPS STILL BEING SEEDING AND IT IS EXPECTED THAT THERE WILL BE MORE FEED CROPS SEEDING THIS YEAR THAN PREVIOUSLY. RANGE IS QUITE GOOD AT PRESENT TIME. GRASS HAS MADE RAPID GROWTH DURING PAST WEEK. THE LAMB CROP IN TOOLE COUNTY WAS GENERALLY FAIR IN SPITE OF THE UNFAVORABLE WEATHER CONDITIONS, AND MANY OPERATORS CAME THROUGH WITH VERY LIGHT LOSSES, WHILE A FEW OPERATORS LOST AS HIGH AS 20% IN SOME STORMS.

VALLEY: - - WEEK HAS BEEN CHARACTERIZED BY COOL WINDY WEATHER; NO PRECIPITATION. GROWING CONDITIONS FAIR TO GOOD. SEEDING OF SPRING WHEAT AND OTHER SPRING GRAINS NEARING COMPLETION. GRAIN FIELDS IN GENERAL SHOW A GOOD STAND AND THRIFTY CONDITION. OTHER CROPS ARE MAKING A GOOD START. IN GENERAL, THERE IS AMPLE SURFACE MOISTURE BUT NO RESERVE. LIVESTOCK IN GENERAL HAS IMPROVED MATERIALLY IN CONDITION. LAMB CROP THROUGHOUT THE COUNTY IS SHORT, DUE TO HARD WINTER AND ADVERSE LAMBING CONDITIONS. THE CALF CROP IS REPORTED ONLY SLIGHTLY BELOW NORMAL. RANGES HAVE IMPROVED MATERIALLY DURING THE PAST WEEK. GRASS IS MAKING GOOD GROWTH.

WHEATLAND: - DURING PAST WEEK THERE HAS BEEN SOME MOISTURE IN FORM OF LOCAL SHOWERS. IN MOST PARTS OF COUNTY MOISTURE IS FAIRLY SATISFACTORY; HOWEVER, IN THE EASTERN PART OF THE COUNTY THERE IS STILL A LACK OF MOISTURE. WEATHER CONDITIONS COOL. SEEDING IS COMPLETED AND MOST OF THE SPRING CROPS ARE UP. SUMMER FALLOWING IS BEING STARTED. GRASS HAS GREATLY IMPROVED DURING THE PAST WEEK. IN SEVERAL AREAS IN THE COUNTY GRASSHOPPERS HAVE BEEN REPORTED QUITE NUMEROUS DURING THE PAST WEEK.

WIBAUX: - - COOL WET WEATHER DURING THE WEEK. PRECIPITATION FROM ONE-HALF TO ONE INCH IN VARIOUS PARTS OF COUNTY. WEATHER TOO COOL FOR GOOD GROWING CONDITIONS, BUT GRASS AND GRAIN CROPS MAKING A VERY GOOD ROOT SYSTEM. TOTAL PRECIPITATION FOR MAY BETTER THAN FOUR INCHES. SEEDING OF WHEAT PRACTICALLY COMPLETED. OATS AND BARLEY SEEDING WELL ALONG. SOME FLAX AND CORN HAS BEEN PLANTED. WHEAT ACREAGE WILL BE REDUCED MORE THAN WHEAT ADJUSTMENT PROGRAM. OATS, BARLEY, FLAX AND FEED CROPS WILL BE INCREASED. LAMB CROP WILL BE SHORT.

YELLOWSTONE: OCCASIONAL SHOWERS, BUT WEATHER GENERALLY WARMER, RESULTING IN THE BEST GROWING CONDITIONS SO FAR THIS SPRING. TOTAL PRECIPITATION .03 INCH. SEEDING OF ALL SPRING GRAINS COMPLETED AND ALL GRAINS MAKING RAPID GROWTH. BEET STANDS VERY GOOD WITH BLOCKING AND THINNING OPERATIONS STARTED. SOME BEANS STILL TO BE PLANTED IN THE VALLEY. GRASS IS MAKING EXCELLENT GROWTH. LIVESTOCK IN GOOD CONDITION THROUGHOUT THE COUNTY.

UNITED STATES DEPARTMENT OF AGRICULTURE
Weather Bureau — Bureau of Agricultural Economics

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*Issued jointly by the Division of Crop and Livestock Estimates and the Weather Bureau.
Offices: Fourth Floor, Federal Office Building, Helena, Montana.*

Cool nights early in the week led to the occurrence of light to heavy frosts locally in the western and northern sections of the State on the 5th and 6th. Temperatures raised appreciably beginning on the 7th and continued warm the remainder of the week. The first maximum reading exceeding 90° for this season to date occurred at Billings on the 8th. Temperatures averaged about normal in the north, slightly below in the southeast, and well above normal in the southwest. There was very little precipitation over most of the State, and what occurred fell as light, scattered showers, the best amounts being reported from the southeast. Winds drew heavily on soil moisture on a few days. May average precipitation was 1.66 inches, which is 0.54 of an inch below normal.

Warm, sunny weather, and soil moisture mostly sufficient for present needs stimulated crop growth generally. Surface soils west of the Divide and in some spots to the eastward have been getting dry however, and now need good rains for grass and spring sown crops. A little damage to garden stuff, potatoes, and alfalfa resulted from frost. Warm, dry weather required heavy irrigation. Water has been generally ample this season for all irrigation, and except for being late, irrigated crops are consequently reported in generally good condition. Small streams receded somewhat; larger streams remained about the same. Summer-fallowing progressed satisfactorily. Range shearing got underway with ideal weather.

The condition of grain and other crops, pastures, and ranges, has been improved by the warmer weather, and for the most part is reported good. In eastern sections, conditions are largely considered the best in years. Progress of grains and grasses, however, continues much later than normal. Rye has headed out, and where grass is short and dry west of the Divide is being cut for hay. Winter wheat is heavily stooled and is heading out in the more advanced areas. Fan weed and mustard have been troublesome in places. The wheat is standing the dry weather in good shape, although a few fields have fired a little in Chouteau County. Early spring wheat has also stooled well, and is generally in good shape, although resort to irrigation was necessary with some to bring it up. Oats and barley are coming along fine. Flax is coming up. There is still a little seeding of corn, flax, and feed crops being done. It has been much too cool for corn, and much has shown up with poor color, which shows a tendency for improvement with the warmer weather. A little loss resulted from seed worms and failure to germinate. Beans and gardens have been slow but are doing better with warm, sunny weather. Fruit crops are reported growing well west of the Divide. Potato planting has been finished; early planted fields are up in good shape. Peas show good stands and condition. Beets continue excellent east, and are about normal stand and condition west of the Divide. Thinning and blocking continued. Alfalfa made good growth, and first cutting is about to start. Old fields in the east where apparently badly hurt by last year's drought and slow to start this spring have begun to come back in a highly pleasing way in some areas.

The insect situation remained about the same, except for rapidly increasing numbers of grasshoppers. Hatching increased with warm weather. Dusting is holding Mormon crickets in check in Glacier County.

Ranges and livestock for the most part continued to improve over last week. Much of the range is now in splendid shape. Grass is high enough in some southeastern areas to cut for hay; much has headed out and seeded locally. Late varieties of grass have grown rapidly of late. Hay is backward generally, and below normal stand in several western districts. Livestock have filled out more noticeably in the case of horses and cattle than sheep, although the latter are mostly in good condition at present. Recent rains in many eastern sections were sufficiently heavy to fill waterholes and reservoirs. Lambs and calves are in a thriving condition.

WEEKLY TEMPERATURE AND PRECIPITATION DATA

Station	Highest temperature	Lowest temperature	Total Precipitation
Billings	91	40	0.26
Bozeman	75	35	0.19
Cut Bank	76	30	0.02
Glasgow	89	36	0.12
Glendive	89	38	0.20
Great Falls	81	34	0.07
Havre	82	34	0.01
HELENA	79	37	0.11
Kalispell	80	34	T
Lewistown	75	33	0.02
Miles City	88	40	0.42
Missoula	84	42	0.14

*W. E. Maughan, Weather Bureau.
Jay G. Diamond, Division of Crop and Livestock Estimates.*

*June 12, 1935.
Helena, Montana.*

HILL: - - .25 INCH PRECIPITATION FOR THE PAST WEEK. GOOD GROWING WEATHER AND THE CROPS ARE MAKING A VERY RAPID GROWTH. WITH THE HEAVY GROWTH OF WINTER GRAINS, WE WILL HAVE TO HAVE BETTER THAN AVERAGE MOISTURE CONDITIONS IF THE CROPS ARE NOT TO SUFFER. THE SPRING CROPS ARE GOOD FOR TWO OR THREE WEEKS. GRASS IS MAKING VERY RAPID GROWTH. LIVESTOCK GETTING INTO GOOD SHAPE. A SURPLUS OF LABOR.

JUDITH BASIN: HEAVY PRECIPITATION IN MANY PARTS OF THE COUNTY. GENERAL GROWING CONDITIONS GOOD. RAINS HAVE BEEN OF SHORT DURATION, BUT CONSIDERABLE MOISTURE HAS FALLEN. WEATHER HAS BEEN WARMER AND MORE SUNSHINE THE PAST WEEK. NOT MUCH CHANGE OVER PREVIOUS WEEK; SOME WINTER WHEAT LOOKING GOOD BUT MOST OF IT IS WEEDY AND SOME OF IT SLOW IN GETTING STARTED. SPRING GRAINS ARE UP IN GOOD SHAPE WITH A GOOD PROSPECT FOR A CROP. RANGE GRASSES ARE DOING FINE; GENERAL CONDITIONS OF LIVESTOCK IN RANGE IMPROVING RAPIDLY.

LAKE: - - THERE WERE HEAVY SHOWERS LAST WEEK-END AND THERE WERE A FEW LIGHT SHOWERS DURING THE WEEK. IN ALL, THEY HELPED KEEP THE GRASS AND CROPS GREEN BUT THERE IS A SHORTAGE OF MOISTURE IN THE WEST END OF THE COUNTY AS FAR AS DRYLAND CROPS ARE CONCERNED. HOT WEATHER HAS NOT ARRIVED AS YET. SOME EARLY CUTTING OF HAY IS BEING DONE TO CONTROL WEEDS. BEETS ARE BEING WORKED WITH A FAIR TO GOOD STAND. PEAS ARE DOING WELL. WINTER WHEAT IS HEADING. WINTER RYE IS HEADED OUT. PASTURES ARE IN REASONABLY GOOD CONDITION YET. SHEARING IS ALL DONE. MOST FLOCKS ARE ON THEIR SUMMER RANGE. LABOR PLENTIFUL.

LEWIS & CLARK: EARLY PART OF THE WEEK STILL VERY COOL; LATTER PART CONSIDERABLY WARMER. CLOUDY WEATHER, WITH ONLY LIGHT SHOWERS AGAIN THIS WEEK. THE MONTH OF MAY SHOWED 26 DAYS CLOUDY OR PARTLY CLOUDY AND ONLY .66 INCH PRECIPITATION AT THE HELENA STATION. THE FIRST WEEK OF JUNE HAS BEEN VERY SIMILAR. CROPS ARE MAKING FAIR GROWTH; POTATOES ARE JUST UP, SEED PEAS ARE ABOUT 4 INCHES HIGH AND SPRING GRAIN JUST STOOING. LIGHT SHOWERS AND COOL WEATHER HAVE PREVENTED ANY SERIOUS DAMAGE FROM DROUTH, BUT A GENERAL RAIN IS NEEDED. RANGE GRASSES HEADING OUT, WITH GOOD FEED IN MOST PLACES. SHEEP SHEARING ON THE LARGE BANDS TO START NEXT WEEK.

MISSOULA: - WARM AND DRY; NO RAIN. SOIL DRYING OUT AND SOME CROPS DAMAGED. BOTH WINTER AND SPRING GRAIN SUFFERING FROM DRY WEATHER. STANDS OF SPRING GRAIN ON DRY LAND ARE SPOTTED AND POOR STANDS GENERALLY. HAY IS BACKWARD AND NOT MAKING NORMAL GROWTH. IRRIGATION WATER PLENTIFUL TO DATE, AND IRRIGATED CROPS NOT DAMAGED EXCEPT FROM BACKWARD SEASON. FRUIT CROP PROSPECTS ARE GOOD. SUGAR BEET STANDS NOT AS GOOD AS NORMAL. PASTURES CONTINUE GOOD BUT NOT UP TO NORMAL.

PARK: - - GROWING CONDITIONS ARE FAVORABLE. CROP CONDITIONS FAVORABLE. LIVESTOCK IN NORMAL CONDITION. LABOR SITUATION NORMAL.

PHILLIPS: - FAIR AND COOL ALL WEEK. NO RAIN, BUT MOISTURE STILL SUFFICIENT FOR CROPS AND GRASS. CROPS GROWING SLOW AND WEEDS GETTING GOOD START IN SOME SECTIONS. SPRING WORK PRACTICALLY COMPLETED. SUMMER FALLOWING UNDER WAY. SUGAR BEETS BEING THINNED IN VALLEY. CONDITION OF LIVESTOCK IMPROVING WITH BETTER GRASS. LAMING NEARLY COMPLETED, WITH MODERATELY HEAVY LOSSES. NO DEMAND FOR LABOR.

PONDERA: - LIGHT SHOWER WEDNESDAY EVENING OF THIS WEEK; OTHERWISE CLEAR EXCEPT THURSDAY, WHEN IT WAS CLOUDY. HIGH WINDS IN THE WEST PORTION OF THE COUNTY CAUSING SOME DRYING AND RAIN NEEDED IN THE EAST END OF THE COUNTY SUFFICIENT TO SPROUT WHEAT. APPROXIMATELY 80% OF THE WHEAT IN GOOD GROWING CONDITION; STAND IS GOOD, BUT STOOLS ARE NOT VERY HEAVY AT THE PRESENT TIME. WINTER WHEAT FIELDS STANDING ABOUT 7 INCHES HIGH AND GROWING SPLENDIDLY. FEED CROPS AND GRASS APPEAR TO BE THE BEST ON THE WHOLE FOR SEVERAL YEARS PAST. LIVESTOCK ENJOYING THE BEST PASTURES EXPERIENCED IN THE PAST SEVERAL YEARS. LABOR BALANCED.

PRAIRIE: - PRAIRIE COUNTY NEEDS A RAIN, ESPECIALLY IN THE WESTERN PORTION, WHERE THEY RECEIVED NONE OF THE MOISTURE WHICH FELL ON THE REST OF THE COUNTY JUNE FIRST. WEATHER WAS COOL AND CLOUDY, WITH CONSIDERABLE WIND THE FOREPART OF THE WEEK. SATURDAY AND SUNDAY TURNED HOT. SEEDING OF SMALL GRAINS COMPLETED. SOME FLAX AND FORAGE CROPS YET TO BE SEEDER IF THE WEATHER IS FAVORABLE. LIVESTOCK IS IMPROVING WITH THE RANGE. LABOR SUPPLY IS AMPLE.

RICHLAND: - NO PRECIPITATION DURING WEEK, BUT IDEAL GROWING CONDITIONS. SMALL GRAINS ARE COMING THROUGH IN FINE SHAPE AFTER THE EXCELLENT MOISTURE WE HAD THE WEEK PREVIOUS. PRACTICALLY ALL KINDS OF CROPS HAVE BEEN PLANTED TO DATE AND FARMERS ARE STARTING TO SUMMER FALLOW. NO REPORTS HAVE COME IN AS TO ANY LOSSES FROM GRASSHOPPERS AND OTHER INSECTS SO IN GENERAL THE FIELDS ARE LOOKING FAVORABLE FOR A GOOD CROP YEAR. RANGE CONDITIONS ARE GREATLY IMPROVED, WITH THE BEST PROSPECTS OF GOOD GRAZING CONDITIONS FOR SEVERAL YEARS. LIVESTOCK ARE BEGINNING TO PICK UP WITH FAIR LAMB AND CALF CROPS HAVING BEEN REPORTED.

ROOSEVELT: - A GOOD RAIN OVER THE ENTIRE COUNTY, RANGING FROM THREE-QUARTERS TO ONE AND A QUARTER INCHES ON JUNE 1ST IMPROVED MOISTURE CONDITIONS AND HAVE BROUGHT GRASS ALONG RAPIDLY. COOL WEATHER MOST OF THE WEEK, WITH A LIGHT FREEZE JUNE 5TH. SEEDING OF ALL GRAIN CROPS COMPLETED. A SMALL ACREAGE OF FLAX BEING SEEDER. CORN COMING UP, BUT WEATHER HAS BEEN UNFAVORABLE FOR CORN SO GROWTH IS SLOW. VERY LITTLE INSECT DAMAGE REPORTED. ALL LIVESTOCK IMPROVED.

ROSEBUD: - GOOD RAIN OVER MOST OF COUNTY LAST WEEK-END. ONE INCH RECORDED IN FORTSYTH AND COLSTRIP. BEST GENERAL RAIN FOR SEVERAL YEARS. FOREPART OF WEEK COLD. WINTER WHEAT IN EXCELLENT SHAPE ALL OVER COUNTY. SPRING GRAIN DOING WELL. CUTWORMS BOTHERING OATS. ALL IRRIGATED CROPS GOOD. CORN PLANTING COMPLETED. EARLY CORN TURNED YELLOW FROM COLD, BUT WILL SNAP OUT OF IT WITH A FEW GROWING DAYS. CUTWORMS AND MORMON CRICKETS DOING SOME DAMAGE. GRASSHOPPERS REPORTED IN SOME AREAS. ALL LIVESTOCK IN EXCELLENT SHAPE. GRASS EXCELLENT. WATER PLENTIFUL IN ALL BUT SHEEP AREA.

SANDERS: - NO PRECIPITATION. TEMPERATURE: AVG. MAX 77, AVG. MIN. 39 DEGREES. HIGHER TEMPERATURES GOOD FOR CROP GROWTH, BUT SOIL VERY DRY. CROPS MAKING FAIR GROWTH BUT BADLY IN NEED OF RAIN. CUTTING OF PEE FOR HAY IN PROGRESS. ALL HAY CROPS VERY SHORT, WITH PROSPECTS OF ABOUT 60 PER CENT OF NORMAL PRODUCTION. WHEAT SUFFERING FROM LACK OF MOISTURE. SEED PEA CROP UNDER IRRIGATION MAKING RAPID GROWTH AND IN FINE CONDITION. LIVESTOCK IN FINE CONDITION. RANGE BECOMING SHORT AND VERY DRY. CONSIDERABLE SURPLUS OF LABOR.

BEAVERHEAD: VERY LITTLE PRECIPITATION; WEATHER COLD. SEEDING PRACTICALLY COMPLETED. CROPS GETTING A GOOD START. IRRIGATING WATER FAIRLY PLentiful SO FAR. LAMBING COMPLETED; FAIRLY LIGHT LAMB CROP DUE TO LARGE NUMBER OF DRYs. PLENTY OF GRASS. SHEARING NOT STARTED. SHEARERS ASKING 11¢; GROVERS OFFERING 10¢.

BIG HORN: - LIGHT TO HEAVY SHOWERS COVERED MOST OF THE COUNTY DURING THE FIRST PART OF THE WEEK. COOL WEATHER PREVAILED UNTIL THE LATTER PART OF THE WEEK WEEK. COOL WEATHER PREVAILED UNTIL THE LATTER PART OF THE WEEK WHEN THE TEMPERATURE RAISED. GROWING CONDITIONS GOOD; CROPS IN GOOD SHAPE AND MAKING RAPID PROGRESS. BEET THINNING WELL ADVANCED. RANGE IN SPLENDID SHAPE AND CATTLE MAKING GAINS. SHEARING JUST BEGUN. AMPLE LABOR. MORMON CRICKET INFESTATION SERIOUS ON RESERVATION AND ONE OTHER PART OF COUNTY.

BLAINE: - CLEAR SUNSHINY DAYS WITH CONSIDERABLE WIND AND VERY COOL NIGHTS PREVAILED IN BLAINE COUNTY DURING THE PAST WEEK. NO PRECIPITATION. CROP CONDITIONS ARE VERY GOOD WITH THE EXCEPTION OF BEING LATE DUE TO THE COLD WEATHER. THE CONTINUOUS WIND THAT PREVAILED DURING THE WEEK HAS DRAWN HEAVILY ON OUR MOISTURE SUPPLY. BEET THINNING IS WELL ADVANCED, AND THE CROP LOOKS VERY GOOD. LIVESTOCK SHOWS CONSIDERABLE IMPROVEMENT OVER LAST WEEK. RANGE CONDITIONS ARE VERY GOOD.

CARBON: - WEATHER CLOUDY AND DAMP. MAX. TEMP. 63, MIN. TEMP. 35 DEGREES. PRECIPITATION .07 INCH IN WESTERN PART OF COUNTY, .35 INCH IN CLARK'S FORK VALLEY. GOOD STANDS IN WHEAT, BUT A LITTLE SLOW. LIVESTOCK FAIRLY GOOD. LABOR SITUATION FAIR.

CARTER & FALLON: PRECIPITATION 1.05 INCH IN BAKER; 2.05 INCHES AT EKALAKA. WEATHER STILL COOL WITH SOME WIND BUT WEATHER IMPROVING. GRAINS IN MOST CASES UP AND GROWING RAPIDLY. CORN IS BEING SEEDLED AT THE PRESENT TIME. GENERAL CROP CONDITIONS EXCELLENT AND THE FORECAST AT THE PRESENT TIME IS FOR THE BEST CROP IN MANY YEARS IN FALLON AND CARTER COUNTIES. RANGE GRASS GROWING RAPIDLY AND IN SOME PLACES HIGH ENOUGH TO CUT FOR HAY. CONDITION OF CATTLE IMPROVING AND MOST STOCK IN GOOD SHAPE. HEAVY RAINS THROUGHOUT SOUTHERN CARTER COUNTY HAVE COMPLETELY FILLED RESERVOIRS AND WATER HOLES AND ENOUGH MOISTURE HAS COME TO INSURE GOOD GRASS AND WATER FOR 1935.

CASCADE: - THE PAST WEEK HAS BEEN CHARACTERIZED BY WARM GROWING WEATHER. A KILLING FROST THE NIGHT OF JUNE 5TH DID CONSIDERABLE DAMAGE TO EARLY PLANTED GARDEN BEANS AND TOMATOES, AND SOME ALFALFA FIELDS. GENERALLY, CROPS ARE IN GOOD CONDITION, THE ONLY EXCEPTIONS BEING SOME AREAS WHERE IT HAS BEEN NECESSARY TO IRRIGATE IN ORDER TO BRING CROPS UP. WINTER WHEAT IS DOING ESPECIALLY WELL AND EARLY SPRING WHEAT IS IN FINE SHAPE. LIVESTOCK IN GOOD CONDITION AND THERE IS PLENTY OF FEED FOR BOTH CATTLE AND SHEEP. SURPLUS OF LABOR.

CHOUTEAU: - DRY AND COOL, WITH SPOTTED SHOWERS. RAIN IS NEEDED IN MOST SECTIONS. WINTER WHEAT STANDING DRY WEATHER IN FAIR SHAPE, BUT A FEW FIELDS ARE FIRING. GRASS IS GOOD AND WATER CONDITIONS FAIR. GRASSHOPPERS ARE BEGINNING TO HATCH, BUT TOO EARLY TO DETERMINE AMOUNT OF INFESTATION. MORMON CRICKETS ARE HATCHING IN LARGE NUMBERS IN SHONKIN-MONTAGUE SECTION.

CUSTER-POWDER RIVER: PRECIPITATION FOR THE WEEK .58 INCH. HEAVY SHOWERS FIRST PART OF WEEK. GENERAL GROWING CONDITIONS HAVE IMPROVED GREATLY WITHIN THE PAST WEEK DUE TO WARMER WEATHER. GRASS CONDITIONS GOOD. SPRING WHEAT HAS STOOLED OUT VERY WELL. CORN COMING UP AND IS LOOKING GOOD. CATTLE AND HORSES ON THE RANGE ARE IN GOOD SHAPE.

DANIELS: - $1\frac{1}{2}$ INCH RAIN DURING WEEK (INTERMITTENT SHOWERS). BEST CROP PROSPECTS IN SEVERAL YEARS. LIVESTOCK IN FAIR SHAPE.

DAWSON: - THE FOREPART OF THE WEEK BROUGHT MORE MOISTURE WITH SHOWERS GENERAL THROUGHOUT THE COUNTY. FOLLOWING THESE, ONE OR TWO DAYS OF RATHER COOL WEATHER OCCURRED, AND THE WEEK CLOSED WITH WARMER, IDEAL GROWING CONDITIONS. SEEDING HAS PRACTICALLY BEEN COMPLETED, EXCEPT FOR SOME FLAX, AND FEED GRAINS, INCLUDING CORN. THE BULK OF THE CORN, HOWEVER, HAS BEEN SEEDLED. CROPS IN GENERAL LOOK VERY GOOD THROUGHOUT THE ENTIRE COUNTY, WITH PROSPECT VERY FAVORABLE FOR THE YEAR. OLD STANDS OF ALFALFA, WHICH APPEARED TO BE RATHER SEVERELY DESTROYED ARE COMING BACK IN REMARKABLE SHAPE. GRAZING GENERALLY IS IMPROVING EACH DAY, WITH THE LATER GRASSES NOW COMING ON. THE LOSS OF NATIVE GRASSES APPEARS NOT TO BE QUITE SO SEVERE AS APPEARED A FEW WEEKS AGO.

FERGUS: - PRECIPITATION .50 INCH. MAX. TEMP. 75, MIN. TEMP. 34 DEGREES. ALL CROPS MAKING VERY SATISFACTORY GROWTH. AVAILABLE MOISTURE FOR CONTINUED GROWTH. MOST WHEAT FIELDS LOOKING GOOD, BUT SOME SECTIONS SHOWING CONSIDERABLE FAN WEED AND MUSTARD, WHICH WILL NO DOUBT DO CONSIDERABLE DAMAGE. LIVESTOCK MAKING VERY RAPID GAINS. RANGE CONDITIONS SATISFACTORY. LABOR BALANCED. WHEAT MEASUREMENT STARTED THE FIRST OF THE WEEK AND WILL BE IN FULL SWING BEFORE THE END OF THE WEEK.

FLATHEAD: - WARM WEATHER ALL WEEK. A FEW SLIGHT SHOWERS. GENERAL GROWING CONDITIONS EXCELLENT. CROP CONDITIONS GOOD. SOME VINTER RYE HEADING OUT. PEAS ALL UP. POTATOES BEING PLANTED AND SOME UP. RANGE GREENING UP, AND LIVESTOCK COMING ALONG ON PASTURE IN EXCELLENT FORM. LABOR SITUATION SATISFACTORY.

GALLATIN: - INCREASE IN TEMPERATURE. LIGHT SHOWERS. CONTINUED GROWTH IN WINTER WHEAT. SUMMER FALLOWING WELL UNDER WAY. APPRECIABLE AMOUNT OF DAMAGE FROM PALE WESTERN OUTWORMS ON SPRING GRAIN IN WEST PORTION OF COUNTY. MEASURING FOR COMPLIANCE ON WHEAT CONTRACTS WELL UNDER WAY. RANGE SHEARING IN FULL SWING.

GLACIER: - PRECIPITATION CONFINED TO LIGHT LOCAL SHOWERS. HEAVY FROSTS SEVERAL NIGHTS. FEW WARM DAYS, MOSTLY CLOUDY AND COLD. GARDENS DAMAGED BY FROSTS. OTHER CROPS MAKING GOOD GROWTH. SUMMER FALLOWING MOSTLY WELL ALONG. RANGE GRASS MAKING GOOD GROWTH. ALL LIVESTOCK IN GOOD CONDITION. LABOR BALANCED.

GOLDEN VALLEY & MUSSELSHELL: LOCAL SHOWERS IN SOME COMMUNITIES. GENERAL GROWING CONDITIONS GOOD, WITH WARMER WEATHER. THE PAST WEEK HAS NOT BEEN ANY TOO FAVORABLE AS THE GROUND IS BEGINNING TO GET A LITTLE TOO DRY. WINTER WHEAT AND WINTER RYE SHOW A POSSIBILITY OF BEING A VERY GOOD CROP. SPRING GRAIN WILL COME ALONG IN GOOD SHAPE IF WE GET SOME MORE MOISTURE. LIVESTOCK CONDITIONS VERY FAVORABLE AS WE HAVE HAD ENOUGH MOISTURE TO PRACTICALLY ASSURE US GOOD GRASS FOR THE SUMMER.

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics
Division of Crop and Livestock Estimates

Office of the Agricultural Statistician - 405-6 Federal Building, Helena, Montana

June 13, 1935.

JUNE 1 CROP REPORT - MONTANA

With the continued benefits of frequent rains over the greater part of the state, particularly in the eastern districts where they were most needed, the outlook in Montana for most grain crops, hay and pastures is better than it has been at this date during the past several years. Notwithstanding the cold backward weather conditions in May which retarded plant growth to some extent, Montana farmers are feeling more optimistic over current crop prospects than they have for several seasons past. Although the eastern one-third of the state has experienced a rather marked deficiency in sub-soil moisture for some time, recent precipitation in this area has greatly improved the crop prospects. Localities west of the Divide and a few in the central part of the state immediately east of the Divide have probably suffered more from a lack of surface moisture recently than have any other areas in the state.

WINTER WHEAT: Winter wheat prospects in Montana have improved noticeably since May 1. The indicated production of 12,320,000 bushels as of June 1 compares favorably with the 7,205,000 bushels production which was indicated on June 1, 1934 for last year's crop. Cool weather has caused additional stooling and the development of a good strong root system. The acreage now remaining for harvest has a good color and is in shape to make rapid growth with more favorable temperature and moisture conditions.

SPRING WHEAT: Spring wheat on June 1 was rated at 89 per cent of normal, with prospects more favorable than at any time since 1932. The recent rains in the eastern portion of the state have been particularly beneficial to the crop.

RYE & FEED GRAINS: Due to beneficial rains in the important eastern districts, the condition of rye improved during May from a May 1 condition of 78 per cent of normal, with an indicated production of 576,000 bushels, to a June 1 condition of 85 per cent of normal, with an indicated production of 704,000 bushels. Oats, with a June 1 condition of 90 per cent and barley, with a June 1 condition of 91 per cent, have a better than average prospect, due to favorable and timely May rains. With favorable June and July weather conditions, the prospects of a good crop are excellent.

HAY AND PASTURE CONDITION: The condition of tame and wild hays has shown a steady improvement during the past month under the stimulus of favorable atmospheric conditions. Alfalfa hay has suffered some slight frost damage in some sections, but with improved moisture conditions for both the irrigated and non-irrigated alfalfa, the frost damage will be largely offset. There is at present sufficient moisture to promote a rather ample growth of grass, given seasonable temperatures and favorable moisture conditions throughout the next six weeks.

Pasture conditions in the western two-thirds of the state are about normal for this season, but the eastern one-third of the state is still handicapped by the effects of the prolonged drouth and over-grazing. In some localities in eastern Montana, the grass stands have made but little progress even after favorable rains.

FRUIT: - - Despite the cold weather of early May and subsequent night frosts, damage to fruit in Montana has been slight, and indications now point to at least an average crop. Montana's apple crop on June 1 was rated at 89 per cent of normal, cherries at 92 per cent of normal, as compared with 85 per cent on May 1, and pears at 82 per cent. A condition of 92 per cent of normal on June 1 for cherries would indicate a 1935 cherry crop of about 836 tons compared with 750 tons in 1934 and a five-year average production of 556 tons.

MONTANA JUNE 1 CROP TABLE

CROP:	C O N D I T I O N - J U N E 1					P R O D U C T I O N (000)		
	AVERAGE*	1935	1934	1933	1932	AVERAGE**	1935	1934
	%	%	%	%	%	(000 Bu)	(000 Bu)	(000 Bu)
Winter Wheat	74	82	50	68	76	8,800	12,320	8,820
Rye	78	85	36	80	70	574	704	210
Spring Wheat, All	82	89	46	87	82	- -	- -	- -
Oats	81	90	49	89	80	- -	- -	- -
Barley	83	91	49	87	85	- -	- -	- -
All Tame Hay	84	85	56	86	84	- -	- -	- -
Wild Hay	81	78	46	87	85	- -	- -	- -
All Clover & Timothy ...	85	88	68	87	86	- -	- -	- -
Alfalfa Hay	86	84	62	85	87	- -	- -	- -
Pastures	81	81	48	92	89	- -	- -	- -
Apples	80	89	60	89	78	- -	- -	- -
Cherries	--	92	63	82	88	556#	836#	750#

*Condition average June 1, 1923-1932; **Production avg. 1928-1932. #Tons.

(Continued on Page 2)

WINTER WHEAT: Production of winter wheat is forecast at 441,494,000 bushels compared with 405,034,000 bushels produced in 1934 and the 5-year (1928-1932) average production of 618,186,000 bushels. The condition of winter wheat on June 1 was 74.2 per cent of normal compared with 55.3 per cent on June 1 last year and the 10-year (1923-1932) average June 1 condition of 73.9 per cent.

Prospects have improved slightly because of favorable weather conditions over most of the hard red winter wheat area and slight improvement in the minor producing areas of the east. In the hard red winter wheat area, long-continued drouth had accomplished much irreparable damage to the crop before being broken by rains in early May. Hence, the improvement in wheat prospects was not as great as might have been expected from the favorable weather conditions during the latter two-thirds of the month. In an area extending from Missouri through the Ohio River Valley and adjacent territory, excessive rainfall during May caused rank growth, yellowing and lodging. Leaf rust has become prevalent in that area. In the Pacific Northwest, prospects were lowered by extremely dry weather during May.

SPRING WHEAT: Spring wheat condition as of June 1, 1935 was reported at 85.2 per cent of normal, compared with 41.5 per cent on June 1, 1934 and the 10-year (1923-1932) average June 1 condition of 82.7 per cent.

In contrast to early season conditions last year, the spring wheat belt has experienced above normal precipitation and below normal temperatures so far this spring. Weather conditions caused seeding to be somewhat later than usual. Development of the crop has not been rapid, but has been such as to produce a good root system and promote stooling. Aside from the lateness of the crop, the only unfavorable factor in the present situation is the deficiency of subsoil moisture.

Since conditions during the remainder of the season play such an important part in determining the final outturn of the crop, about all that can be said at this time is that, with average effects of weather conditions from now on, yields may be expected to approximate the 10-year average. On the acreage indicated for harvest by intentions to plant report, this would mean a production of about 230,000,000 bushels of all spring wheat.

With winter wheat production forecast at 441,494,000 bushels, a total wheat crop of about 670,000,000 would be indicated. The total wheat crop last year was 496,469,000 bushels, and the 5-year (1928-1932) average was 860,570,000 bushels.

FOREIGN WHEAT CROP PROSPECTS

Present conditions in the Northern Hemisphere indicate an increase in the wheat production in North America but little change in the European crop, exclusive of Russia, and a decrease in the North African crop. Crop conditions in Russia are reported to be better than last year, but a reduction of about 15 per cent is expected in the production in China.

The official estimate of the spring wheat acreage in Canada is not yet available, but a preliminary report on farmers' intentions to plant had indicated a decrease of about 3 per cent compared with last year. Recent private reports, however, indicate that sowings will be from 5 to 10 per cent below last year because of the delay occasioned by weather conditions. Cool, rainy weather delayed seeding but was of general benefit in promoting a strong growth and in postponing the hatching of grasshopper eggs. Crop prospects are more favorable and much more uniform than they were a year ago. The official condition of all wheat as of May 31 was 97 per cent of average compared with only 78 per cent a year ago.

The crop situation in Europe was featured by unseasonably cool and cloudy weather during May. The condition of crops, which was so unusually favorable last fall for nearly all countries, has generally shown some deterioration, but in most cases is still around average or a little above. Snow fell generally over central and northern Europe and even in parts of France and England during May. Freezing temperatures at night were also fairly common in early May and, although there have been some days of warm temperatures and sunshine, cool, cloudy and rainy weather has predominated. Crop prospects in Germany, Czechoslovakia, Austria, Greece and the Danube Basin at the end of May were quite favorable compared with last year. In Spain, Portugal, southern Italy and most of French North Africa, especially Morocco, definite decreases from last year and even from average in some cases are in prospect. The Durum crop of southern Italy and of Northern Africa now appear likely to be considerably less than last year and one of the smallest in recent years. Conditions in France, Poland, and the Baltic States indicate crops less than last year.

The plan of the spring wheat acreage in Russia was 57,354,000 acres. More than three-fourths of this was sown by the early part of May and the plan was exceeded by May 20. Reports from most regions indicated quite satisfactory crop conditions. Average and above average conditions were reported in Ukraine.

The second estimate of the production in India is 366,725,000 bushels compared with 350,261,000 bushels, the corresponding estimate of the 1934 crop. The Japanese crop is expected to be about the same as last year.

Dry weather in both Argentina and Australia has delayed seeding and a decrease in acreage appears likely.

G. W. Valine,
Ass't. Agricultural Statistician.

UNITED STATES DEPARTMENT OF AGRICULTURE
Weather Bureau—Bureau of Agricultural Economics

REPORT OF WEATHER AND CROP CONDITIONS IN MONTANA
Week Ending Tuesday, June 18, 1935.

*Issued jointly by the Division of Crop and Livestock Estimates and the Weather Bureau.
Offices: Fourth Floor, Federal Office Building, Helena, Montana.*

The weather during the week ending Tuesday, June 18th, was cool and showery for most of the State. Sunshine was moderate and ranged from 48 per cent of the possible amount in the northwest to 72 per cent in the southeast. Heavy showers fell in some eastern and central portions, but amounts were moderate to mostly light in other portions, with a few localities reporting precipitation of no benefit whatever. Hail accompanied the showers in a few instances and damaged a small amount of small grains, peas, and alfalfa. A severe local wind and hail storm caused some property and livestock loss and the injury of a few persons in southeastern Garfield County on the 14th. Spring wheat, gardens, and alfalfa were damaged by frosts in the northwest.

Crops, ranges, and pastures were for the most part favorably advanced. Lack of sufficient moisture in soils west of the Divide and in some spots to the eastward adversely affected vegetation resulting in some firing and heading short of winter grains and some early seeding and drying of range grasses. The week's showers temporarily relieved this situation by freshening vegetation generally and stopping local burning. Reports from many western counties indicate that good rainfall must follow immediately if deterioration is not to become more general and marked. Eastern counties report sufficient precipitation has fallen recently to keep vegetation growing in good shape for some time.

General progress was made with summer-fallowing; in some districts further operations were suspended awaiting rain as the ground is much too dry to plow. Sheep shearing was reported in all stages of advancement and making satisfactory progress despite cool and showery weather. Haying began in the southeast although the weather was not particularly favorable. Much alfalfa is ready for cutting. Prairie hay is coming along fine in eastern sections; is short and below normal stand over much of the extreme west. Heavy irrigation continued; the supply of irrigation water is holding up splendidly. Mountain snowfall runoff continues slow. Larger rivers continued high.

All crops are still backward in their seasonal development. Winter grains are in the boot and heading. Rye is in bloom. Burning in the western and northern sections has occurred mostly on lighter soils and in stubbled-in fields. Irrigated and fallowed winter grains are in good condition. Spring grains are doing fine in the better moisture areas and are holding up well in the dry western areas. They are generally showing good stands, color, and height, and recently have made fairly rapid growth. Good rains would be of marked help generally. Beets are mostly good east of the Divide, and fair to good west. Poor germination, cold weather, and lack of moisture have been unfavorable in western areas. Thinning is well along. Stands of corn, beans, and sorghums are good to excellent in the southeast. Potatoes are coming along nicely; likewise peas, which are in bloom. So far reports indicate an excellent fruit set and good growing conditions. Early strawberries are beginning to ripen in the Bitterroot Valley. Cricket infestations have been put under control, but grasshopper damage is increasing. Web worms are not hatching according to Missoula County reports.

Ranges for the most part continued to improve and furnish ample feed and water for livestock. Some northern and western sections reported range conditions less favorable than last week because of continued drought. Lower range grass is still in good palatable state but beginning to seed; some is curing where rainfall has been lacking. Higher ranges are late in developing because of cold weather and the slow disappearance of the winter's snow cover from northern slopes. Heavy and steady rains are needed to greatly benefit western ranges and pastures.

Livestock are reported fatter and in better condition in southeastern parts than for several years. They are generally in good to excellent condition elsewhere. First shipment of fat lambs has been made from the Gallatin Valley. Wool clips are reported lighter and cleaner.

WEEKLY TEMPERATURE AND PRECIPITATION DATA

Station	Highest temperature	Lowest temperature	Total Precipitation
Billings	84	44	0.18
Bozeman	76	39	0.27
Cut Bank	71	39	0.45
Glasgow	82	44	0.95
Glendive	87	47	1.07
Great Falls	77	42	0.44
Havre	82	38	0.05
HELENA	74	41	0.24
Kalispell	70	40	0.43
Lewistown	78	36	0.85
Miles City	86	52	0.48
Missoula	80	36	0.25

*W. E. Maughan, Weather Bureau.
G. W. Valine, Division of Crop and Livestock Estimates.*

*June 19, 1935.
Helena, Montana.*



THE FOLLOWING COUNTY SUMMARIES OF CROP CONDITIONS FOR WEEK ENDING JUNE 15, 1935, ARE FURNISHED THROUGH THE COURTESY OF DIRECTOR J. C. TAYLOR, MONTANA STATE EXTENSION SERVICE.

BEAVERHEAD: SHOWERS GENERAL OVER COUNTY; GRASS GOOD. PLENTY OF IRRIGATION WATER. CROP CONDITIONS GOOD. SHEARING BEGUN; WOOL CLIPS A LITTLE LIGHTER THIS SEASON.

BIG HORN: WARM AND DRY WEATHER PREVAILED DURING THE PAST WEEK RESULTING IN MUCH OF THE WINTER WHEAT IN THE NORTHERN PART OF THE COUNTY FIRING. THIS CONDITION WILL INCREASE UNTIL RELIEVED BY RAIN. VALLEY CROPS ARE BEING IRRIGATED GENERALLY. HAYING BEGUN. FIRST CUTTING ALFALFA SOMEWHAT LIGHT AND WEEDY. RANGE IN SPLENDID SHAPE WITH GRASS HEAVIEST IN YEARS. CATTLE DOING THE BEST IN YEARS. AMPLE LABOR. GRASSHOPPERS APPEARING.

BLAINE: NO PRECIPITATION DURING THE WEEK. EXTREME WINDS DURING THE PAST TEN DAYS HAS SAPPED PRACTICALLY ALL SURFACE MOISTURE FROM THE SOIL. ALL CROPS BADLY IN NEED OF MOISTURE. CROP CONDITIONS ARE NOT AS FAVORABLE AS THEY WERE A WEEK AGO, DUE TO THE LACK OF MOISTURE. WHEAT BEGINNING TO BURN ON SOME PLACES. GRASSHOPPERS HAVE BEEN REPORTED FROM SEVERAL COMMUNITIES IN SUFFICIENT NUMBERS TO DO CONSIDERABLE DAMAGE. IRRIGATION OF SUGAR BEETS WAS STARTED THIS WEEK. RANGE CONDITIONS ARE NOT AS FAVORABLE AS THEY WERE LAST WEEK. GRASS BURNING IN SOME PLACES DUE TO THE LACK OF MOISTURE. HOWEVER, THERE IS ABUNDANCE OF GRASS AND WATER AT THE PRESENT TIME. LIVESTOCK SHOWING GOOD GAINS. LABOR NORMAL.

CARBON: MAXIMUM TEMPERATURE 72 DEGREES, MINIMUM TEMPERATURE 43 DEGREES, AND PRECIPITATION .38 INCH. NO PRECIPITATION IN CLARK'S FORK VALLEY, WITH WARM WEATHER. CROPS GROWING RAPIDLY DUE TO THE WARM WEATHER. GRASSHOPPERS AND CRICKETS HATCHING OUT IN ABUNDANCE AND DOING SOME DAMAGE TO CROPS. PASTURE VERY GOOD, MAKING LIVESTOCK FATTER AND IN BETTER CONDITION THAN THEY HAVE BEEN FOR SOME YEARS. LABOR SITUATION FAIR.

CARTER & FALLON: PRECIPITATION 1.08 OF AN INCH IN BAKER. HEAVY LOCAL SHOWERS OVER BOTH COUNTIES THROUGHOUT THE WEEK. WEATHER WARMER AND CROPS GROWING EXCELLENT. CORN COMING UP. WINTER WHEAT HEADING OUT. MOST LATE SEEDING DONE. ONE OR TWO WARM DAYS FOLLOWED BY LIGHT SHOWERS MAKING GROWING CONDITIONS IDEAL. WINTER WHEAT WHICH HAS NOT BEEN PLOWED ABOUT 50% NORMAL. SPRING WHEAT EXCELLENT WITH PROSPECTS FOR THE BEST CROP FOR A GOOD MANY YEARS. RANGE CONDITIONS EXCELLENT WITH GRASS MUCH FURTHER ADVANCED IN SOUTHERN CARTER COUNTY THAN ANY PLACE IN SOUTHEASTERN MONTANA. RESERVOIRS ALL FULL AND STOCKMEN ARE SURE OF GRASS AND WATER FOR THE CURRENT YEAR. LAMBING COMPLETED WITH ABOUT A 75% CROP. LAMBS ARE IN EXCELLENT SHAPE AND SHOULD BRING A PREMIUM. CONDITION OF CATTLE EXCELLENT WITH PLENTY OF GRASS AND WATER. LABOR SITUATION WELL BALANCED. A FEW GRASSHOPPERS IN EVIDENCE AND IN SOME PLACES MAY BE HEAVY INFESTATION.

CHOUTEAU: WEATHER DURING WEEK WAS WARM AND DRY EXCEPT FOR A FEW SCATTERED SHOWERS. WINTER WHEAT IN MOST SECTIONS IS SHOWING THE EFFECTS OF DRY WEATHER WITH A FEW FIELDS RUINED ON THE LIGHTER SOILS. WINTER WHEAT YIELDS WILL BE MATERIALLY REDUCED IF RAIN IS NOT HAD IN THE NEXT WEEK. SPRING WHEAT IS MAKING RAPID GROWTH. PLOWING FOR SUMMER FALLOW IS ABOUT 90% COMPLETED BUT IS NOW TOO DRY FOR GROWING IN NEARLY ALL SECTIONS. GRASS HAS PRACTICALLY STOPPED GROWTH. LIVESTOCK IN GOOD CONDITION. SHEARING ABOUT COMPLETE.

DANIELS: SCATTERED SHOWERS OVER COUNTY. CROP CONDITIONS VERY GOOD. FEW FIELDS BLOWN OUT. LIVESTOCK IN FAIR CONDITION. FEW FARMERS SUMMER FALLOWING.

DAWSON: GROWING CONDITIONS FOR THE WEEK HAVE IMPROVED. .85" OF MOISTURE WAS RECEIVED DURING THE WEEK, AND THE WEATHER HAS WARMED UP TO SOME EXTENT. SEEDING IS WELL ALONG TOWARD COMPLETION, WITH CROPS OF ALL KINDS LOOKING EXCEPTIONALLY WELL. MOISTURE IS REPORTED TO BE REACHING GOOD DEPTHS. GRAZING CONDITIONS CONTINUE TO IMPROVE, WITH GRASSES COMING IN EXCELLENT SHAPE. LIVESTOCK ARE IN GOOD CONDITION.

FERGUS: PRECIPITATION .42. MAXIMUM TEMPERATURE 73, MINIMUM 33. WINTER WHEAT ON STUBBLE IN MANY SECTIONS OF COUNTY BEGINNING TO SHOW CONSIDERABLE DAMAGE FROM LACK OF MOISTURE. SUMMER FALLOW WHEAT, WHERE NOT TOO WEEDY, DOING WELL. JIM HILL MUSTARD AND FAN WEED QUITE PREVALENT OVER PROBABLY 1/3 OF WHEAT. RAIN WEDNESDAY EVENING CAME AT A TIME TO DO CONSIDERABLE GOOD. GRASS HEADING OUT. LIVESTOCK IN GOOD CONDITION. LABOR ABOUT BALANCED.

GALLATIN: SLIGHTLY WARMER WEATHER. LIGHT SHOWERS AND TWO DAMAGING HAIL STORMS. SEVERE HAIL ON WEDNESDAY CAUSED AN UNESTIMATED AMOUNT OF DAMAGE TO SMALL GRAIN, PEAS AND ALFALFA IN A SMALL AREA WEST OF BOZEMAN, AND A LARGE AREA IN THE PASS CREEK DISTRICT. SOME ALFALFA BEING CUT AND CANNING PEAS REPLANTED BECAUSE OF HAIL DAMAGE. HEAVY IRRIGATION CONTINUES. WATER IN RIVERS STILL HIGH. PASTURES EXCELLENT. FIRST FAT LAMB SHIPMENTS OF SEASON MADE TO ST. PAUL.

GLACIER: RAIN FRIDAY AFTERNOON VARYING IN INTENSITY OVER THE COUNTY, AVERAGE ABOUT $\frac{1}{4}$ INCH. TWO WINDY DAYS DURING WEEK. TEMPERATURES MOSTLY ON THE COOL SIDE. GRAINS COMING ALONG IN GOOD SHAPE. VERY SMALL CUTWORM DAMAGE. JUST A LITTLE HOPPER POISON PUT OUT. SUMMER FALLOWING ABOUT COMPLETED. RANGE GRASS GOOD BUT WOULD BENEFIT FROM A GOOD RAIN. ALL LIVESTOCK IN GOOD CONDITION. SHEARING WELL STARTED. LABOR BALANCED.

GOLDEN VALLEY & MUSSELSHELL: .57 INCH PRECIPITATION LOCALLY WITH HEAVIER SHOWERS IN SOME PORTIONS OF THE COUNTIES, AND NO RAIN AT ALL IN OTHERS. IN MOST LOCALITIES CROPS ARE IN VERY GOOD CONDITION WHILE IN OTHERS THERE ARE REPORTS OF GRAIN BEGINNING TO BURN. WITHIN THE LAST TWO DAYS ABOUT 8 TONS OF GRASSHOPPER POISON HAVE BEEN GIVEN OUT TO FARMERS IN THE TWO COUNTIES. ALL HAY CROPS ARE IN SPLENDID CONDITION, AND SOME FARMERS ARE CUTTING THEIR WINTER RYE FOR HAY AT THIS TIME. LIVESTOCK CONDITIONS IMPROVING, GRASS VERY PLentiful IN ALL LOCALITIES AND AS YET NO SHORTAGE OF WATER.

(CONTINUED ON PAGE 2.)

HILL: PRECIPITATION- .08 INCHES FOR THE PAST WEEK. IDEAL GROWING WEATHER DURING THE PAST WEEK. WINTER CROPS SUFFERING SLIGHTLY FROM LACK OF MOISTURE. SPRING CROPS STILL HOLDING THEIR OWN. MOISTURE NEEDED. HOPPERS ARE SHOWING UP IN SOME LOCALITIES AND A SLIGHT DAMAGE HAS BEEN REPORTED. POISON IS BEING USED. GRASS DRYING SLIGHTLY. RANGE CONDITIONS EXCELLENT. LIVESTOCK CONTINUES TO IMPROVE. SURPLUS OF LABOR.

JUDITH BASIN: WEATHER CONDITIONS TURNED WARMER AND GROWING CONDITIONS HAVE IMPROVED. RAINS THE LATTER PART OF THE WEEK HAVE REFRESHED THINGS AGAIN AND CROPS HAVE MADE MORE RAPID GROWTH THE PAST WEEK THAN ANY TIME PRIOR THIS SPRING. NOT MUCH CHANGE IN CROP CONDITIONS WITH EXCEPTION THAT FALL WHEAT HAS BEEN GROWING FASTER THAN PREVIOUSLY. RANGE GRASSES ARE BETTER THIS TIME OF YEAR THAN THEY HAVE BEEN IN ANY YEARS PAST. STOCK CONDITIONS ARE IMPROVING VERY RAPIDLY. NO CHANGE IN LABOR SITUATION.

LAKE: CLOUDINESS AND COOL WEATHER PREVAILED. THERE WERE SEVERAL LIGHT SHOWERS OVER THE WEEK AND IN SOME SECTIONS HELPED CROPS. THERE ARE, HOWEVER, SECTIONS THAT ARE SUFFERING FROM LACK OF RAIN UNTIL THE GRAIN AND HAY CROPS WILL BE SHORTER THAN USUAL. THE SHOWERS DID ONLY A SMALL AMOUNT OF GOOD. SEVERAL FIELDS OF BEETS ARE SHOWING POOR STANDS. A FEW HAVE BEEN ABANDONED, DUE TO LACK OF MOISTURE TO GIVE A GOOD GERMINATION. PEAS ARE LOOKING QUITE GOOD. SUMMER FALLOWING WELL UNDER WAY. HAYING HAS STARTED. LIVESTOCK IN GOOD SHAPE. FLOCKS ON SUMMER RANGE. LABOR VERY PLENTIFUL. INSECTS DOING SOME DAMAGE BUT NOTHING SERIOUS.

LEWIS & CLARK: SEVERAL LIGHT RAINS OVER MOST OF THE COUNTY THIS WEEK. WEATHER DURING THE WEEK MOSTLY COOL FOR THIS TIME OF THE YEAR. CROPS MADE FAIR GROWTH EXCEPT IN A FEW LOCALITIES WHICH ARE SUFFERING FROM THE DROUTH. WINTER WHEAT JUST STARTING TO HEAD AND ALFALFA STARTING TO BUD. CROPS ARE ABOUT TWO WEEKS LATER THAN LAST YEAR. RAIN BADLY NEEDED IN THE SOUTHERN AND EASTERN PARTS OF THE COUNTY WHERE GRAIN IS STARTING TO BURN. SHOWERS DURING THE WEEK WILL PREVENT ANY SERIOUS DAMAGE FOR A SHORT TIME. EXCELLENT CROP OF GRASS IN NEARLY ALL PARTS OF THE COUNTY. GRASS IS HEADING OUT AND STARTING TO CURE IN THE DRIER SECTIONS. SHEEP SHEARING IN FULL SWING.

MISSOULA: CLOUDY AND RAINY MOST OF WEEK. SOME PRECIPITATION. COOL TEMPERATURES. NOT ENOUGH RAIN TO MATERIALLY HELP CROPS. SOME WINTER WHEAT HEADING OUT SHORT. SPRING GRAIN SUFFERING FROM LACK OF MOISTURE. POOR YIELDS INDICATED. HAY CROP BELOW NORMAL. SUGAR BEETS BACKWARD AND ONLY FAIR STAND. PROSPECTS FOR GOOD FRUIT CROP. IRRIGATION WATER PLENTIFUL UP TO DATE. IRRIGATED CROPS NOT SUFFERING FOR LACK OF MOISTURE BUT THEY ARE BACKWARD DUE TO LATE SEASON AND COOL WEATHER. PASTURES IN FAIR TO GOOD CONDITION FOR THE SEASON.

PARK: A GOOD RAIN WAS RECEIVED SUNDAY NIGHT OF THIS WEEK FURTHER IMPROVING GROWING CONDITIONS. WARM WEATHER PREVAILING DURING THE LATTER PART OF THE WEEK AND ALL CROPS ESPECIALLY LEGUME CROPS ARE MAKING EXCELLENT GROWTH. CROP CONDITIONS ABOVE NORMAL. AN ESTIMATE OF APPROXIMATELY 100 HEAD OF HORSES AND CATTLE AND 200 HEAD OF SHEEP HAVE BEEN LOST IN THE COUNTY FROM THE WOOD TICK PEST. THEY ARE BECOMING LESS NUMEROUS IN THE COUNTY AT PRESENT AND FUTURE LOSS IS NOT ANTICIPATED. LABOR SITUATION NORMAL.

PHILLIPS: LIGHT SHOWERS OF UNDETERMINED EXTENT REPORTED IN VARIOUS PARTS OF COUNTY. GROWING CONDITIONS FAVORABLE WHERE MOISTURE IS HOLDING OUT. PRACTICALLY ALL CROPS NOW IN. MANY FIELDS WEEDY AND SUFFERING FROM LACK OF MOISTURE. GENERAL RAINS ARE NEEDED WITHIN THE NEXT TEN DAYS, OR MANY CROPS WILL BE RUINED. DUE TO COOL SEASON ALL CROPS ARE BACKWARD. UP TO LAST WEEK THE RANGE WAS IN GOOD CONDITION EXCEPT FOR STOCK WATER. GRASS IS NOW BEGINNING TO DISAPPEAR IN CERTAIN AREAS AND STOCK BEING MOVED. WATER HOLES AND RESERVOIRS ARE DRYING UP IN MOST AREAS. IF HEAVY GENERAL RAINS DO NOT OCCUR IN THE NEXT WEEK OR TWO, WATER CONDITIONS ARE GOING TO BE CRITICAL AND CONDITION OF LIVESTOCK BECOME RAPIDLY POORER. MOST LIVESTOCK HAVE NOT ENTIRELY RECOVERED FROM LAST WINTER'S LOW CONDITION AND HAVE LITTLE RESERVE VITALITY TO CARRY THEM THROUGH ANOTHER DROUGHT PERIOD. SHEARING IS UNDER WAY. NO DEMAND FOR LABOR.

PONDERA: WINDY AND COOL FIRST PART OF THE WEEK; HEAVY RAIN FRIDAY AFTERNOON AND EVENING. SHOWER THIS WEEK IMPROVED GROWING CONDITIONS TREMENDOUSLY ESPECIALLY IN THE WESTERN HALF OF THE COUNTY. SOME BENEFIT RECEIVED IN THE EASTERN PART, BUT IT WILL REQUIRE CONSIDERABLE MORE PRECIPITATION TO BRING TOP MOISTURE TO THE SUBSOIL MOISTURE. NOTHING PARTICULARLY SERIOUS IN REGARD TO DROUGHT INDICATIONS HAS YET OCCURRED, AND GRAIN IS SPLENDID FROM THE STANDPOINT OF GROWING CONDITIONS. WELL ROOTED AND CARRIES A STRONG GREEN COLOR. FEED CROPS ARE ENJOYING THE SAME CONDITION AS WHEAT BEING SEEDING APPROXIMATELY THE SAME TIME, WHICH WAS DELAYED BY SPRING RAINS. OUTBREAKS OF MORMON CRICKETS OCCURRED IN THREE AREAS IN THE COUNTY, THE MOST IMPORTANT OF WHICH IS AGAINST THE MARIAS RIVER BORDER. THIS PARTICULAR PEST HAS BEEN STOPPED AND THOROUGHLY ERADICATED. RANGE FOR LIVESTOCK SOMEWHAT DRY IN THE EAST AND ALTHOUGH CARRYING AN ABUNDANCE OF FEED. LABOR BALANCED.

PRAIRIE: GOOD SHOWER RECEIVED IN NORTH AND SOUTH PORTION OF COUNTY ON NIGHT OF JUNE 12TH. VERY LITTLE SUB-SOIL MOISTURE AND RAINS MUST CONTINUE IF WE ARE TO GET A CROP. GOOD GROWING CONDITIONS AND ALL CROPS LOOK GOOD WITH THE EXCEPTION OF STUBBLED IN GRAIN ON LIGHTER SOILS. OLD STANDS OF ALFALFA ARE MAKING A REMARKABLE COME-BACK. A NORMAL AMOUNT OF GRASSHOPPERS ARE HATCHING OUT ALONG THE FENCE ROWS; NO SERIOUS OUTBREAK IS ANTICIPATED. RANGE CONDITIONS HAVE IMPROVED GREATLY AND LIVESTOCK HAS IMPROVED WITH THE RANGE. SHEARING WELL UNDER WAY WITH GOOD CLIPS IN PROSPECT. SUPPLY OF LABOR IS AMPLE.

ROOSEVELT: FINE GROWING WEATHER FOR THE PAST WEEK WITH A THIRD OF AN INCH OF RAINFALL. ALL CROPS MAKING EXCELLENT PROGRESS. SOME CUT WORK DAMAGE REPORTED BUT THIS IS NOT EXTENSIVE. VERY FEW GRASSHOPPERS REPORTED. RANGES AND PASTURES ARE THE BEST THEY HAVE BEEN IN SEVERAL YEARS. ALL LIVESTOCK IMPROVING IN CONDITION.

RICHLAND: ONE-HALF INCH OF PRECIPITATION FELL DURING THE WEEK WHICH HAS CONTINUED TO IMPROVE MOISTURE CONDITIONS. CROPS ARE LOOKING SPLENDID IN THIS AREA WITH THE PROSPECT OF THE BEST CROPS OVER THE ENTIRE COUNTY INCLUDING THE DRY LAND AREA IN AT LEAST SIX YEARS. BEET STANDS AND GRAIN PRACTICALLY IDEAL. COOL WEATHER HAS TENDED TO DELAY GROWING BUT WITH THE PRESENT MOISTURE CONDITIONS AND SOME WARM WEATHER IT WILL SHOW CONSIDERABLE IMPROVEMENT IN ANOTHER WEEK OR SO. RANGE CONDITIONS SHOW AN ABUNDANCE OF GRASS IN MOST PLACES AND LIVESTOCK ARE PICKING UP IN GOOD SHAPE. PRACTICALLY ALL LABOR IS BEING ABSORBED IN THINNING OF SUGAR BEETS AND OTHER TYPES OF WORK THAT ARE UNDER WAY.

ROSEBUD: .78 INCH RAINFALL THROUGH CENTRAL PART OF COUNTY DURING THE WEEK. DAYS WARM, NIGHTS COOL. HAIL REPORTED IN NORTHWESTERN PORTION OF COUNTY. ALL CROPS IN GOOD TO EXCELLENT CONDITION OVER THE MAJOR PORTION OF THE COUNTY. TWO SMALL AREAS THAT HAVE BEEN MISSED BY MOST OF THE RAINS ARE IN RATHER BAD SHAPE. HOWEVER, MOISTURE SOON WOULD HELP THE SITUATION. WINTER AND SPRING GRAINS LOOK THE BEST IN YEARS. MOISTURE WILL BE NEEDED RIGHT ALONG TO HOLD THIS SITUATION, AS VERY LITTLE RESERVE IS HELD. CORN AND BEETS HAVE MADE GOOD GROWTH THE PRESENT WEEK. ALL LIVESTOCK IN EXCELLENT SHAPE. GRASS WONDERFUL SOUTH OF RIVER. CRICKETS HAVE SLOWED UP IN THEIR SOUTH EAST MOVEMENT. POISONING STILL UNDER WAY.

SANDERS: PRECIPITATION - .24, AVERAGE MAX. 78, AVERAGE MINIMUM, 45. GENERALLY COOL AND CLOUDY WITH LOCAL RAINS OVER COUNTY RANGING FROM LIGHT SHOWERS TO HEAVY RAINFALL. POOR GROWING CONDITIONS ACCOUNT OF LOW TEMPERATURE AND VERY DRY SOIL CONDITION. CROP CONDITIONS POOR TO FAIR. SOIL VERY DRY. FIRST CUTTINGS HAY BEING HARVESTED WITH ABOUT 35% NORMAL CROP. WINTER WHEAT WELL HEADED OUT BUT DRYING OUT FROM LACK OF MOISTURE. SEED PEAS IN BLOSSOM AND VERY GOOD CONDITION UNDER IRRIGATION. GARDENS AND ORCHARDS IN FIRST CLASS CONDITION. LIVESTOCK IN VERY GOOD SHAPE. RANGE VERY DRY AND LOW CARRYING CAPACITY. CONSIDERABLE SURPLUS OF LABOR.

SHERIDAN: RAIN .32 INCHES, COOL, GOOD GROWING WEATHER. CROPS MAKING RAPID GROWTH SOME DAMAGE BY WIREWORM AND CUTWORM. LIVESTOCK IMPROVING ON GOOD GRASS GROWTH. LABOR SITUATION FAIR.

STILLWATER: WARM, CLEAR WEATHER CHARACTERIZED THE WEEK WITH ONE SHOWER WEDNESDAY NIGHT NETTING .22 INCH OF PRECIPITATION. GENERAL GROWING CONDITIONS EXCELLENT. CROP CONDITIONS IN GENERAL VERY GOOD. SPRING SEEDING PRACTICALLY COMPLETED AND MOST SPRING SOWN CROPS HAVE EMERGED TO GOOD STANDS. RANGES IN BETTER CONDITION THAN FOR SEVERAL YEARS. LIVESTOCK GENERALLY IN GOOD CONDITION. IN MOST SECTIONS STOCK HAVE BEEN MOVED TO SUMMER RANGE. SHEEP SHEARING STARTED THROUGHOUT THE COUNTY DURING THE WEEK. SURPLUS OF LABOR. GRASSHOPPERS BEING REPORTED IN INCREASING NUMBERS IN SEVERAL SECTIONS OF THE COUNTY.

SWEET GRASS: NO PRECIPITATION, GROWING CONDITION HAS BEEN GOOD, WARMER WITH LOCAL SHOWERS. ALL SEEDING DONE, CROPS GROWING GOOD, SUMMER FALLOWING STARTING. LIVESTOCK GAINING STEADILY ON GOOD RANGE. SHEARING THAT WAS DELAYED ON ACCOUNT OF COOL WEATHER NOW GETTING UNDER WAY AGAIN. NINETY PER CENT OF WOOL IN COUNTY SOLD. NO SURPLUS LABOR. ALL DEMAND FOR LABOR SUPPLIED. MORMON CRICKET OUTBREAK UNDER CONTROL. GRASSHOPPER SITUATION BAD.

TOOLE: DRYING WINDS MOST OF THE WEEK, TEMPERATURES HIGHER THAN ANY PREVIOUS TIME THIS YEAR. IN GENERAL, CROPS ARE IN FAIRLY GOOD SHAPE. COOL SPRING HAS RETARDED GROWTH, BUT SUMMER FALLOW FIELDS ARE NOW DOING QUITE WELL. MOISTURE IS NEEDED IN SOME SECTIONS OF THE COUNTY, PARTICULARLY THE EASTERN HALF. JUNE GRASS HAD MADE FAIRLY GOOD GROWTH IN THE WESTERN PART OF THE COUNTY. IN THE EASTERN HALF THE GRASS IS BEGINNING TO TURN. LIVESTOCK IS IN FAIRLY GOOD SHAPE. LABOR PLENTIFUL. SEVERAL OUTBREAKS OF MORMON CRICKETS NEAR THE BREAKS OF THE MARIAS. ALSO A GRASSHOPPER OUTBREAK IN THE SOUTHEASTERN SECTION OF THE COUNTY.

TETON: .42 PRECIPITATION FRIDAY. EXCELLENT GROWING CONDITIONS. HOPPERS DOING SOME DAMAGE. RANGE GREATLY IMPROVED.

VALLEY: IN GENERAL DURING THE PAST WEEK WEATHER HAS BEEN DRY WITH VERY LITTLE PRECIPITATION. A FEW SCATTERED SHOWERS THROUGH THE COUNTY. GROWING CONDITIONS HAVE BEEN GOOD ALTHOUGH CRAIN IS BEGINNING TO SUFFER IN SOME LOCALITIES FOR LACK OF MOISTURE. CROP CONDITIONS ARE IN GENERAL SATISFACTORY. EARLY PLANTED WHEAT SHOWS THE EFFECT OF LIGHT MOISTURE. STANDS ARE VERY THIN DUE TO LONG PERIOD OF COOL WEATHER AND MORE THAN NORMAL PRECIPITATION WILL BE NECESSARY TO OFF-SET HEAVY STANDS. IRRIGATED CROPS ARE DOING WELL. ALFALFA AND SUGAR BEETS ARE MAKING GOOD GROWTH. LIVESTOCK IN GENERAL IS IN GOOD CONDITION. THE RANGE HAS IMPROVED MATERIALLY. GRASS HAS MADE GOOD GROWTH BUT IS ALSO NEEDING MOISTURE.

WHEATLAND: WEATHER CONDITIONS WARMER. RAIN IN CENTRAL PORTION OF COUNTY DURING MIDDLE OF WEEK. GROWING CONDITIONS FAIR. CROPS IN FAIRLY GOOD CONDITION ALL OVER THE COUNTY. LIVESTOCK SITUATION SAME. SHEARING WELL ADVANCED.

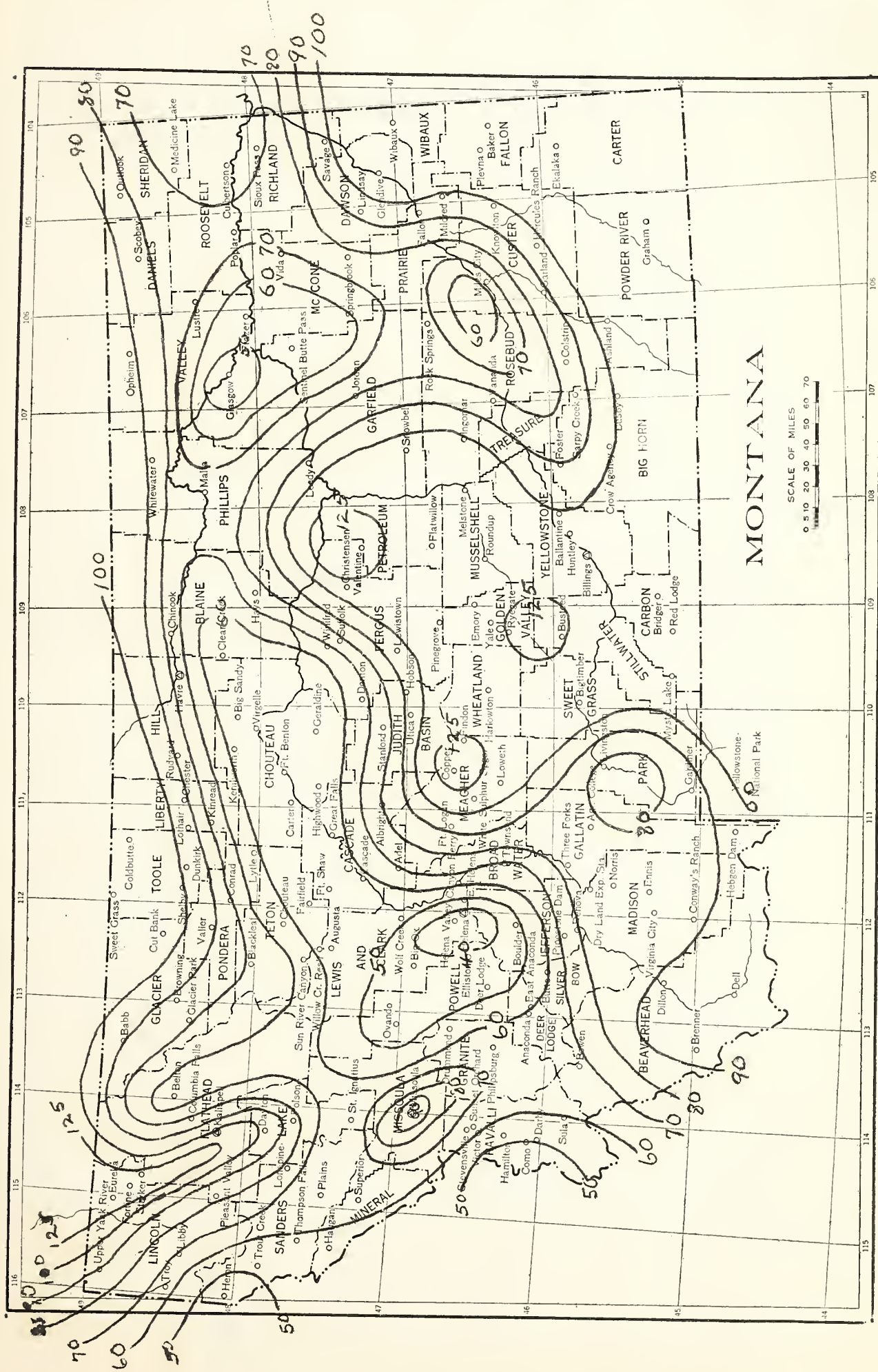
WIBAUX: WARMER WEATHER DURING THE WEEK WITH PLENTY OF PRECIPITATION. RAIN APPROACH EU CLOUDBURSTS IN SEVERAL PARTS OF THE COUNTY. RAINFALL AT WIBAUX 1.83 IN. DURING THE WEEK. MORE IN OTHER PARTS OF THE COUNTY. RAINFALL IN JUNE AT WIBAUX 3.25 INCHES. GROWING CONDITIONS EXCELLENT. SOME CORN WILL STILL BE PLANTED. WHEAT ACREAGE DECREASED. OATS, BARLEY AND FLAX ACREAGE INCREASED. RANGES IMPROVING FAST. LAMB CROP NOT MUCH BETTER THAN 50%. LIVESTOCK IN GOOD CONDITION. CALF CROP WILL BE AVERAGE.

YELLOWSTONE: PARTLY CLOUDY, WARM FIRST PART OF WEEK, COOLER LATTER PART OF WEEK. .03 INCH PRECIPITATION. FARMERS BUSY IRRIGATING IN THE VALLEY. ALL CROPS IN GOOD CONDITION. CUTTING OF FIRST CROP ALFALFA HAY WELL STARTED. HAYING SHOULD BE QUITE GENERAL NEXT WEEK. IN NON-IRRIGATED DISTRICTS, WINTER WHEAT IN VERY GOOD CONDITION, GOING INTO BOOT STATE. SPRING WHEAT ALSO IN GOOD CONDITION. LIVESTOCK IN GOOD CONDITION. RANGES AND PASTURES EXCELLENT. GRASSHOPPERS BECOMING MORE NUMEROUS IN ALL SECTIONS OF THE COUNTY. RESERVE SUPPLY OF BAIT FROM LAST YEAR AMOUNTS TO THREE CARS, SOME OF WHICH HAS ALREADY BEEN USED.

Compared with normal conditions, the driest areas appear in Lewis and Clark, and Valley Counties, and along the Idaho Border from Sanders County to Ravalli County; wettest areas appear in Flathead, Meagher, Fergus, and Stillwater Counties.

Up to 100 per cent of normal, percentage lines are drawn for each 10 per cent; over 100 per cent, lines are drawn for each additional 25 per cent.

This map shows the percentage of normal precipitation that has occurred in Montana during the first two months, April and May, of the 1935 crop growing season.



UNITED STATES DEPARTMENT OF AGRICULTURE
Weather Bureau—Bureau of Agricultural Economics

REPORT OF WEATHER AND CROP CONDITIONS IN MONTANA
Week Ending Tuesday, June 25, 1935.

*Issued jointly by the Division of Crop and Livestock Estimates and the Weather Bureau.
Offices: Fourth Floor, Federal Office Building, Helena, Montana.*

Temperatures for the week averaged about normal. Nights continued rather cool and frosts nipped tender garden stuff on the morning of the 21st in a few western localities. Warm, sunshiny days resulted in increased temperatures over the preceding week. A one-day hot spell on the 22nd recorded the highest temperatures for the season to date as maximum readings soared to 90° or above at several points east of the Divide. The last of the week was comparatively cool and marked by strong moisture-sapping winds. Good showers on one or two days benefited limited central and eastern areas, but the remainder of the State went practically rainless. Contrasting with last year when conditions were much the reverse, eastern and much of the central portions of the State have received good and timely rainfall, whereas western and northern sections have been continually missed during recent weeks, or have received light and generally inadequate precipitation. In many areas there is now little reserve moisture in the soil. Cool weather has helped conserve this, as well as maintain favorable crop growth, but with the first hot spell of several days there will be severe deterioration of non-irrigated crops if good rains do not come first.

Farm work made good advancement. Haying got well underway in places, although stacking was delayed somewhat by unsettled weather in the southeast. Dry soils continued unfavorable for summer-fallowing in the drier sections. Weather conditions continued fine for shearing, much of which is now completed. Wool clips have been cleaner this year because cool weather reduced the amount of grease in the fleeces. Fast growing crops required continuous heavy use of irrigation water. Much snow remains in some of the higher mountain ranges, with the supply of irrigation water reported generally adequate. Immediate decreased use, however, is imminent in some western districts where drought conditions prevail. Some of Montana's southern rivers are reported the highest in several years. Fire hazards are becoming bad in western forests.

Grain crops, pastures, and ranges responded vigorously to favorable weather conditions where soil moisture was adequate during the past week. Winter grains fired on some dry land areas and grass began to turn color on the lower and drier ranges of the west, north, and locally in the east, where rains are now badly needed. Good rains would be of general benefit. Irrigated crops came along in splendid shape. Winter wheat and rye have been heading for some time. Early oats and barley have just begun. Wheat on irrigated land is heading more slowly. The general condition is good except on dry land areas. Spring wheat and other spring grains are reported to have good stands, and late planted is up and in the east completely shading the ground. A little spring wheat on both summer-fallowed and spring cultivated land is suffering from drought in the north. Considerable weediness is reported in early grains as well as in eastern alfalfa where there was much loss from drought and winter-kill. Peas are in bloom and are being irrigated generally. Beet thinning is about finished; the condition of the crop ranges from fair in the west to excellent in the east. Some mustard fields have been damaged by blowing in Pondera County. Corn has not been doing very well due to cool weather; wire and cut worms have taken some. Gardens continue doing fine, although beetles are destructive locally. Cool weather has not been favorable for other insects. A few reports indicate grasshoppers hatching in dangerous numbers. Much poison has been spread for crickets, grasshoppers, and gophers. Alfalfa has bloomed slowly; bulk of the first cutting will be made this week; normal yield is reported except in the east where light. Fruits continue to make excellent growth. Strawberry harvest has begun in the west.

Livestock are reported in good to very good condition. Additional shipments of lambs were made. Lack of moisture has checked or slowed up the growth of grass in the west and north; elsewhere, ranges are continuing to improve. Grass and water are plentiful over most of the State.

WEEKLY TEMPERATURE AND PRECIPITATION DATA

Station	Highest temperature	Lowest temperature	Total Precipitation
Billings	91	45	0.15
Bozeman	85	36	0.06
Cut Bank	90	38	0.06
Glasgow	88	45	0.49
Glendive	86	44	0.19
Great Falls	93	41	0.32
Havre	94	46	0.02
HELENA	88	43	0.02
Kalispell	88	42	0.00
Lewistown	86	38	0.16
Miles City	86	48	0.29
Missoula	---	40	0.00

*W. E. Maughan, Weather Bureau.
J. G. Diamond, Division of Crop and Livestock Estimates.*

*June 26, 1935.
Helena, Montana.*

THE FOLLOWING COUNTY SUMMARIES OF CROP CONDITIONS FOR WEEK ENDING JUNE 22, 1935,
ARE FURNISHED THROUGH THE COURTESY OF DIRECTOR J. C. TAYLOR, MONTANA STATE
EXTENSION SERVICE.

BEAVERHEAD: DRYING WINDS IN MOST SECTIONS; COOL NIGHTS WITH FROST. PLENTY OF
GRASS; ALL STOCK IN GOOD SHAPE. SHEARING UNDER WAY. GRASSHOPPER
HATCHINGS REPORTED IN SOME SECTIONS.

BIG HORN: - LIGHT TO HEAVY SHOWERS EARLY IN THE WEEK, BUT MORE RAIN IS NEEDED
SOON, AS WINTER WHEAT IS FIRING IN PLACES. SPRING WHEAT AND OTHER
GRAIN MAKING REAL PROGRESS. VALLEY CROPS IN SPLENDID CONDITION; IRRIGATION GENERAL.
BEETS PRACTICALLY ALL THINNED, WITH THE BEST STAND IN YEARS. HAYING UNDER WAY.
RANGE AND GRASS IN THE BEST CONDITION AND MUCH WILD HAY BEING PUT UP. NATIVE
GRASSES SEEDING HEAVILY. STOCK IMPROVING DAILY; SOME CATTLE REALLY FAT. MORMON
CRICKETS BEING CHECKED BY POISONING. GRASSHOPPERS SERIOUS IN THE VALLEY AND
THREATENING SECOND CROP OF ALFALFA.

BLAINE: - COOL AND WINDY MOST OF WEEK, WHICH HAS BEEN SOMEWHAT CLOUDY AND NO
PRECIPITATION. GROWING CONDITIONS BACKWARD DUE TO THE COLD WEATHER
AND ALSO THE LACK OF MOISTURE. ALL CROPS BADLY IN NEED OF RAIN. SOME WHEAT FIELDS
BEGINNING TO BURN. IF RAIN IS NOT RECEIVED WITHIN THE NEXT FEW DAYS YIELDS ARE
GOING TO BE MATERIALLY REDUCED. THE FIRST CUTTING OF ALFALFA HAS STARTED IN SOME
SECTIONS AND THE REPORTS ARE A NORMAL CROP. LIVESTOCK HAS CONTINUED TO SHOW IM-
PROVEMENT OVER LAST WEEK. RANGE CONDITIONS ARE NOT FAVORABLE AS THE GRASS IS DRY-
ING UP VERY RAPIDLY. SHEARING WELL UNDER WAY.

CARBON: - COOL AND RAINY MOST OF THE WEEK. PRECIPITATION GENERAL OVER ALL PARTS
OF COUNTY. .45 IN. RAINFALL AT RED LODGE. CROP CONDITIONS VERY GOOD;
BEST PROSPECTS. LIVESTOCK IN FINE CONDITION. RANGES GOOD. LABOR SITUATION AVERAGE.

CARTER & FALLON: PRECIPITATION .15 OF AN INCH. WEATHER COOL WITH LOCAL SHOWERS.
GRAIN UP AND GROWING EXCELLENT. CORN UP AND DOING WELL. GOOD
STANDS OF ALL CROPS, AND PRESENT CONDITIONS POINT TO BUMPER CROPS. FEW OUTBREAKS
OF CUT WORMS BUT NOTHING SERIOUS. BEST PROSPECTS FOR CROPS IN A GOOD MANY YEARS.
MOST SHEARING COMPLETED, AND WE HAVE CLIPS SOLD EARLY AT 25¢ TO 26¢ IN CARTER
COUNTY. CATTLE IN EXCELLENT SHAPE WITH LOTS OF GRASS AND WATER.

CASCADE: - SCATTERED SHOWERS BRINGING A TOTAL OF .49 INCH OF PRECIPITATION
RELIEVED THE DROUTH WHICH HAD STARTED TO SHOW IN WHEAT FIELDS THE
PREVIOUS WEEK. A GOOD RAIN BADLY NEEDED IN ALL PARTS OF THE COUNTY. ALL CROPS
NEED MOISTURE. NO DAMAGE HAS BEEN REPORTED FROM GRASSHOPPERS AS YET. LIVESTOCK
IN GOOD CONDITION. SURPLUS OF FARM LABOR.

CHOUTEAU: - GENERALLY COOL. SOME SCATTERED SHOWERS IN SOUTHERN PART OF COUNTY.
NORTHERN TWO-THIRDS OF COUNTY VERY DRY AND PROSPECTS FOR A CROP ARE
RAPIDLY DECREASING. WINTER WHEAT BURNING. PASTURES DRYING UP AND STOCK WATER
SUPPLIES ARE LIMITED. NO DAMAGE FROM GRASSHOPPERS, BUT THREATENING NUMBERS IN SOME
COMMUNITIES. POISONING STARTED. MORMON CRICKET POISONING IN TWO COMMUNITIES.

CUSTER-POWDER RIVER: PRECIPITATION FOR THE WEEK .04 INCH. LESS THAN WEEK PREVIOUS
BUT GROWING CONDITIONS IMPROVING DUE TO WARMER DAYS. ALL
GRAIN CROPS LOOKING GOOD, BUT MORE MOISTURE NEEDED TO MAKE MATURE GRAIN. HAY CROPS
MAKING GOOD GROWTH; HAYING TO BEGIN SOON ON IRRIGATED LANDS; YIELD PROSPECTS RATHER
LIGHT. GRAIN CROPS WILL MAKE UP THE BULK OF HAY CROPS THIS YEAR. NEWLY SEEDING
ALFALFA LOOKING GOOD. SUGAR BEETS AND OTHER CROPS UNDER IRRIGATION DOING WELL.
RANGE GOOD IN AREAS RECEIVING NORMAL RAINFALL. GRASS IN POWDER RIVER COUNTY GENER-
ALLY BETTER THAN IN CUSTER. NORTHERN CUSTER COUNTY RANGES NOT TOO GOOD. CATTLE
AND SHEEP STILL MAKING GOOD GAINS. SHEARING NOW IN FULL SWING, BUT NO WOOL SALES
REPORTED.

DANIELS: - AVERAGE - $1\frac{1}{4}$ INCHES RAIN; SOME SECTIONS MORE, SOME LESS. CROP CONDI-
TIONS IDEAL. SPRING WHEAT PROSPECTS BEST IN MANY YEARS. LIVESTOCK IN
GOOD CONDITION. SOME DAMAGE FROM CUTWORMS AND WIREWORMS REPORTED. FEW GRASSHOPPERS.

DAWSON: - COOL THROUGHOUT THE WEEK WITH CONSIDERABLE CLOUDY WEATHER, BUT CLEAR
TOWARD END; ALL BUT SCATTERED PARTS OF COUNTY RECEIVED GOOD RAINS
WITH SOME SECTIONS WELL ABOVE AN INCH. WHEAT, WITH ESTIMATED ACREAGE AROUND 85% OF
AAA BASE PERIOD AVERAGE IN GOOD SHAPE, STOOLED HEAVILY AND LARGE AMOUNT OF FOLIAGE.
SMALL FEED GRAINS IN SIMILAR CONDITION TO WHEAT, WITH ESTIMATED ACREAGE NOT ABOVE
75% NORMAL. SHIFTED ACRES IDLE AND BEING FALLOWED. ALL SMALL GRAINS SHADING GROUND
COMPLETELY. CORN NOT DOING SO WELL DUE TO COOLER WEATHER AND STAND BELOW AVERAGE.
TOTAL ACREAGE SLIGHTLY BELOW NORMAL. GRASS CONTINUES GOOD GROWTH AND WILL AFFORD
A HAY CROP ON BLUE JOINT MEADOWS.

FERGUS: - PRECIPITATION .53 INCH. MOSTLY CLOUDY. WINTER WHEAT MAKING RAPID
GROWTH, WITH SOME HEADS BEGINNING TO SHOW IN MANY FIELDS. JIM HILL
MUSTARD AND FAN WHEAT STILL AHEAD OF SOME WINTER WHEAT. SOME FIELDS WHICH SHOWED
AN UNTHRIFTY CONDITION THREE TO FOUR WEEKS AGO DUE TO THE NEAR KILLING FROM COLD
ARRIL WEATHER, IMPROVING QUITE RAPIDLY NOW. SPRING WHEAT EXCEPTIONALLY GOOD.
PLENTY OF MOISTURE FOR RAPID GROWTH. LIVESTOCK IMPROVING IN CONDITION. RAINS IN
NORTHEASTERN FERGUS SAID BY SOME LIVESTOCKMEN TO BE THE BEST IN TWENTY YEARS.
MOISTURE DURING WEEK HELPED RANGE CONSIDERABLY. LABOR SITUATION BALANCED. GRASS-
HOPPERS APPEARING IN MOST PARTS OF THE COUNTY. SOME POISONING STARTED THE FIRST
OF THE WEEK. MOST HOPPERS HATCHING IN FENCE ROWS AROUND FIELDS.

FLATHEAD: - WEATHER WARMING UP TOWARD THE END OF THE WEEK. ONE OR TWO SLIGHT
SHOWERS THE FIRST PART OF THE WEEK. GROWING CONDITIONS GOOD. PEAS
IN BLOOM. WINTER WHEAT HEADING; SOME BARLEY HEADING OUT. ALFALFA GROWING WELL.
APPLE TREES SHOW GOOD SET OF FRUIT. SOME DAMAGE DUE TO STRAWBERRY ROOT WEEVIL
BEING SHOWN IN SOME FIELDS. LIVESTOCK EXCELLENT. RANGES CARRYING A FAIR AMOUNT
OF GRASS. LABOR SITUATION SATISFACTORY.

GALLATIN: - FEW VERY LIGHT SHOWERS. SLIGHTLY INCREASED TEMPERATURES, ALTHOUGH
NIGHTS ARE UNSEASONABLY COLD. CUTTING OF ALFALFA STARTED WHERE DAMAGED
BY HAIL AND IN SOME CASES WHERE OWNERS ARE SHORT OF HAY. WINTER WHEAT STARTING TO
HEAD OUT IN SOME SECTIONS. PEAS IN BLOSSOM AND IN GENERAL BEING IRRIGATED. SPRING
GRAIN BEING IRRIGATED. GRASSHOPPER HATCH STARTED. NOT FAR ENOUGH ALONG TO TELL
IF IN DANGEROUS NUMBERS. SECOND SHIPMENT OF FAT LAMBS BEING SELECTED. SHEARING
COMPLETED.

(CONTINUED ON PAGE 2).

[The page contains extremely faint, illegible text, likely a scan of a document with very low contrast or significant fading. The text is organized into several paragraphs, but the specific words and sentences cannot be discerned.]

GLACIER: - SHOWERS FIRST OF WEEK VARYING IN INTENSITY OVER COUNTY FROM TRACE TO HALF INCH, AVERAGING ABOUT $1/4$ INCH. WARM TO HOT LAST OF WEEK; COOL FIRST OF WEEK AND MOST NIGHTS. CROPS AND GRASS DOING WELL, BUT THERE IS LITTLE RESERVE MOISTURE AND IF WEATHER TURNS HOT AND DRY THERE WILL BE SEVERE DETERIORATION. ALL LIVESTOCK IN GOOD CONDITION. LABOR BALANCED.

GOLDEN VALLEY & MUSSELSHELL: PRECIPITATION .79 INCH THIS WEEK. RAIN HAS NOT BEEN UNIFORM, SOME AREAS RECEIVING NO RAIN AT ALL AND SOME AVERAGING MORE THAN THE ABOVE RAINFALL. CROP CONDITIONS IN MOST PLACES IN THE TWO COUNTIES ARE VERY FAVORABLE WITH THE EXCEPTION OF A FEW LOCAL AREAS WHERE WHEAT IS BURNING AND GRASS HAS STARTED TO DRY UP. GRASSHOPPERS HAVE BEEN MORE ACTIVE IN THE PAST WEEK THAN ANY TIME PREVIOUS; THE MOST SERIOUS OUTBREAKS SEEM TO BE IN AREAS WHERE THERE WERE VERY FEW HOPPERS LAST YEAR. LIVESTOCK CONDITIONS ARE VERY FAVORABLE WITH THE EXCEPTION OF THE FEW AREAS WHERE THEY HAVE HAD VERY LITTLE MOISTURE. IT SEEMS THAT THE RAINS SPLIT EACH TIME AT THE SAME PLACE. SHEARING IS IN FULL SWING AND SHOULD BE COMPLETED BY JULY 10TH. RANGE CONDITIONS THE BEST FOR SOME TIME.

HILL: - - WINTER WHEAT AND RYE SUFFERING FROM LACK OF MOISTURE. SPRING WHEAT ON SPRING-CULTIVATED LAND SUFFERING BADLY. SOME SPRING WHEAT ON SUMMER-FALLOW SUFFERING. SPOTTED SHOWERS CAUSED VARIATION IN DIFFERENT SECTIONS. FEW CASES OF WINTER RYE BEING CUT FOR HAY. COOL WEATHER EARLY PART OF WEEK FAVORABLE. FRIDAY WAS EXCEEDINGLY WARM AND SATURDAY MORNING STARTED OUT WITH ALL APPEARANCES OF VERY HOT WEATHER. IF THIS WEATHER CONTINUES WITHOUT RAIN FOR ANOTHER WEEK, CROPS WILL SUFFER VERY BADLY. GRASS DRYING RAPIDLY, BUT THE RANGES ARE IN GOOD CONDITION. GRASSHOPPERS HATCHING IN CONSIDERABLE NUMBERS. LIVESTOCK IN GOOD CONDITION. SURPLUS OF LABOR.

JUDITH BASIN: CONSIDERABLE PRECIPITATION THE PAST WEEK, LEAVING MAJORITY OF THE COUNTY IN VERY GOOD SHAPE AS FAR AS MOISTURE IS CONCERNED. THE WEATHER HAS BEEN A LITTLE TOO COOL GENERALLY TO FAVOR GROWING. NO CHANGE OVER LAST REPORT IN CROP CONDITIONS. FARM LABOR PRETTY MUCH IN DEMAND. OTHER JOBS TEND TO MAKE IT HARD TO SECURE FARM LABOR. A FEW GRASSHOPPER INFESTATION REPORTS HAVE COME IN TO THE COUNTY AGENT'S OFFICE.

LAKE: - - THE AVERAGE TEMPERATURE IN LAKE COUNTY SOMEWHAT HIGHER. THERE HAS BEEN A LITTLE CLOUDINESS AND A FEW LOCAL SHOWERS. PEAS AND BEETS ARE DOING WELL, BUT ARE DEPENDENT UPON THE IRRIGATION WATER ENTIRELY. THE HAY CROP SEEMS TO BE LATE OR SHORTER THAN USUAL. DRYLAND GRAIN IS NOT GOING AS WELL AS AVERAGE YEARS DUE TO A SHORTAGE OF MOISTURE. LIVESTOCK IN GOOD CONDITION. PLenty OF LABOR. INSECTS NOT DOING ANY SERIOUS DAMAGE EXCEPT IN A FEW CASES.

LEWIS & CLARK: WARMER WEATHER DURING THE PAST WEEK. A FEW LIGHT SHOWERS, BUT NO GENERAL RAINS. CROPS MADE MOST RAPID GROWTH IN ANY WEEK THIS SEASON. SOME EARLY CUTTING OF HAY STARTED. WINTER WHEAT IS HEADING AND IS GENERALLY VERY WEEDY. IRRIGATION WATER BEING HELD TO ACTUAL MEASUREMENTS AND WILL BE SHORT IN SOME LOCALITIES VERY SOON. LIVESTOCK DOING WELL ON THE EXCELLENT CROP OF RANGE GRASS. GRASSES ARE HEADED OUT AND CURING ON THE LOWER RANGES. MORE WEEDS THAN USUAL ARE IN EVIDENCE THIS YEAR, PARTICULARLY OF THE MUSTARD VARIETY. BEETLES IN DESTRUCTIVE NUMBERS REPORTED IN GARDENS.

PARK: - - WARM; LITTLE PRECIPITATION. GROWING CONDITIONS IDEAL. SOME DROUTH IN THE EXTREME NORTH END OF THE COUNTY. CROP CONDITIONS VERY GOOD. SOME GRASSHOPPERS IN VARIOUS LOCALITIES IN THE SECOND MOLT STAGE. LATE CROPS REQUIRE WARM WEATHER IN ORDER TO MATURE PREVIOUS TO POSSIBLE FROST. LIVESTOCK IN GOOD CONDITION. PASTURES AND RANGES ARE ABOVE NORMAL.

PHILLIPS: - LOCAL SHOWERS COVERING SMALL AREAS THIS WEEK. COOL WEATHER HAS KEPT CROPS FROM DRYING UP IN AREAS NOT HIT BY RAIN. CROPS GOOD IN SOME AREAS AND SUFFERING FROM DROUTH IN OTHERS. GENERAL CONDITIONS FAIR TO GOOD. GENERAL RAINS NEEDED. CONDITION OF LIVESTOCK FAIR TO GOOD. RANGE GOOD IN SOME SECTIONS; POOR IN OTHERS. WATER A PROBLEM IN MOST AREAS. SHEARING WELL UNDER WAY. NO DEMAND FOR LABOR.

PONDERA: - LIGHT SHOWERS DURING MIDDLE PART OF THE WEEK BENEFITTING SOME AREAS. CONDITIONS SEEM TO BE SOMEWHAT DRIER THAN SHOULD BE EXPECTED WITH THE ABUNDANCE OF SPRING RAIN. WHEAT IS NOT SUFFERING YET, BUT WILL DEMAND RAIN IN A COUPLE OF WEEKS. BARLEY AND OATS DOING ESPECIALLY WELL WHERE PLANTED EARLY. LATER SEEDINGS ARE STAGNATED BY LACK OF SURFACE MOISTURE. CONSIDERABLE DAMAGE HAS BEEN DONE BY MORMON CRICKETS ON WHEAT AND SOME MUSTARD FIELDS LOST BY BLOWING. RANGE GRASS AND PASTURES NEED RAIN AS THE SHORTER GRASSES ARE TAKING ON THE APPEARANCE OF MATURITY BY THEIR BROWN COLOR THROUGH LACK OF MOISTURE. LABOR BALANCED.

PRAIRIE: - SEVERE HAIL STORM ON EVENING OF JUNE 14TH TRAVELLED FROM CROW ROCK TO CABIN CREEK ACROSS BROADVIEW AND FALLON BENCHES, CUTTING A SWATH OF ABOUT 35 MILES WIDTH, OBLITERATING GARDENS AND CROPS. CROP CONDITIONS ARE SPOTTED. SEVERAL SMALL SHOWERS HAVE SOFTENED THE CRUST IN THE HAILED AREA AND ARE REVIVING LATE PLANTED GRAINS. OTHER AREAS SOUTH OF TERRY AND NEAR MILDRED ARE SUFFERING FOR LACK OF MOISTURE. CROPS IN NORTH EDGE OF COUNTY ARE LATE, BUT ARE PROGRESSING SATISFACTORILY. CONDITION OF LIVESTOCK IS IMPROVING. REPORT CAME TO OFFICE THAT ONE WOOL GROWER LOST 150 LAMBS IN HAIL STORM, AND OTHERS LOST PROPORTIONATELY. GOOD CLIPS ARE BEING REPORTED BY WOOL GROWERS; SHEEP SHEARING LARGE AMOUNTS OF LIGHT SHRINKING WOOL. SUPPLY IS AMPLE FOR LABOR.

RICHLAND: - APPROXIMATELY 1 INCH OF MOISTURE FELL DURING THE LATTER PART OF THE WEEK OVER THE GREATER PART OF THE COUNTY. MOST OF THE WEEK HAS BEEN IDEAL FOR GROWING CONDITIONS AND CROPS ARE DOING VERY NICELY. CORN IS A LITTLE BIT BACKWARD ON ACCOUNT OF THE COOL WEATHER WHICH HAS PREVAILED, BUT GRAIN CROPS AND SUGAR BEETS AND ALFALFA ARE COMING ALONG IN VERY FINE SHAPE. PROSPECTS ARE FOR THE BEST CROPS IN THE PAST SIX YEARS. FIRST CUTTING OF ALFALFA HAY HAS BEEN STARTED IN THE VALLEY WITH MOST GROWERS PLANNING TO START IN FULL SWING NEXT WEEK. ABUNDANCE OF GRASS ON THE RANGE AND LIVESTOCK ARE PICKING UP CONSIDERABLY.

(CONTINUED ON PAGE 3)

ROOSEVELT: RAINS OF .50 TO .80 INCH OVER MOST OF THE COUNTY HAVE IMPROVED GROWING CONDITIONS. GRAIN THAT WAS TOO THICK WAS BEGINNING TO TURN BROWN BUT IS AGAIN IN GOOD CONDITION. MOISTURE DOWN ABOUT 22 INCHES IN GRAIN FIELDS. ALL CROPS LOOKING FINE. GARDENS COMING ALONG RAPIDLY. WIRE WORMS DAMAGING CORN IN SEVERAL PLACES. ALL LIVESTOCK IN GOOD CONDITION. SOME SHEEP DYING FROM CAMAS POISON AND ONE COW REPORTED POISONED FROM THE SAME CAUSE. NO INDICATION THAT GRASSHOPPERS WILL BE NUMEROUS.

ROSEBUD: - LIGHT SHOWERS OVER MOST OF THE COUNTY DURING THE WEEK. WEATHER, WARM DAYS AND COOL NIGHTS. ALL GRAIN IN EXCELLENT SHAPE. A GOOD GENERAL RAIN NEEDED TO PUT THE CROP IN THE BEST GROWING CONDITION. STILL SEVERAL SMALL AREAS SHY OF MOISTURE. CROPS IN THE VALLEY MAKING SLOW GROWTH. WEATHER TOO COOL. HAYING STARTED, WITH CROP RUNNING FAIR TO GOOD. CORN MAKING SOME GROWTH BUT VERY LITTLE. EARLY ALFALFA STARTING TO BLOOM. GRASSHOPPERS SHOWING HEAVY IN THE VALLEY AND ALONG THE CREEK. NO REPORTS SO FAR IN THE HILLS. TREASURE COUNTY REPORTS MORE THAN LAST YEAR. POISONING STARTED BUT LIMITED AMOUNT OF BAIT ON HAND. LIVESTOCK REMAINS IN EXCELLENT CONDITION. RANGE SOUTH OF RIVER GOOD; NORTH THE RANGE IS ONLY FAIR DUE TO OVER-GRAZING IN THE PAST AND LACK OF MOISTURE THIS YEAR. REPORTS SHOW A BETTER CALF AND LAMB CROP THAN WAS EXPECTED.

SANDERS: - NO PRECIPITATION. CLOUDY AND COOL EARLY PART OF WEEK. CLEAR AND WARMER LATTER PART. VERY GOOD GROWING CONDITIONS EXCEPT FOR LACK OF MOISTURE ON DRYLAND FARMS. CROPS UNDER IRRIGATION MAKING RAPID GROWTH. DRYLAND CROPS POOR TO FAIR WITH VERY LOW HAY CROP AND POOR CONDITIONS FOR GRAIN WHICH HAS STARTED TO FIRE. GOOD WATER SUPPLY FOR IRRIGATION PROJECTS. LIVESTOCK IN GOOD CONDITION. LOWER RANGE DRYING OUT BADLY. HIGHER RANGE VERY GOOD. CONSIDERABLE SURPLUS OF LABOR.

STILLWATER: SHOWERS TOTALING .88 INCH OF PRECIPITATION WERE RECEIVED DURING THE WEEK. GENERAL GROWING CONDITIONS EXCELLENT. ALL CROPS IN GOOD CONDITION. SHOWERS CAME AT VERY OPPORTUNE TIME FOR ALL CROPS. FALL SOWN WHEAT HEADING OUT. ALL SPRING SOWN CROPS MAKING EXCELLENT GROWTH. LIVESTOCK IN GENERAL IN GOOD CONDITION. SHEEP SHEARING ABOUT HALF COMPLETED IN THE COUNTY. SURPLUS OF LABOR.

SWEETGRASS: .69 INCH PRECIPITATION; GROWING CONDITIONS HAVE BEEN GOOD, WITH WARMER WEATHER. CROPS GROWING GOOD; SUMMER FALLOW STARTING. LIVESTOCK DOING WELL ON GOOD RANGE. SHEARING IN FULL SWING. NO SURPLUS LABOR. ALL DEMAND FOR LABOR SUPPLIED. MORMON CRICKET CONTROL WORK STILL GOING STRONG. GRASSHOPPER SITUATION BAD. POISON BEING DISTRIBUTED.

TETON: - - ABOUT ONE-FOURTH OF AN INCH PRECIPITATION HERE AT CHOTEAU AND SEVERAL SHOWERS IN PRACTICALLY EVERY COMMUNITY OF THE COUNTY. HIGH TEMPERATURE 78 AND LOW 39. GOOD GROWING WEATHER. CROPS COMING ALONG IN GOOD SHAPE. COUPLE REPORTS OF MORMON CRICKETS. GRASSHOPPERS HATCHING RAPIDLY BUT NO SERIOUS DAMAGE REPORTED. HAY CROP LOOKS VERY GOOD AGAIN THIS YEAR. RANGE LOOKING GOOD. SHEARING IN FULL SWING.

TOOLE: - - SHOWERS IN MOST OF THE COUNTY DURING THE PAST WEEK. NORTHEAST QUARTER IS DRIEST PLACE IN COUNTY. WEATHER COOL. SPRING WHEAT RETARDED BY COOL SEASON BUT IS LOOKING FAVORABLE IN MOST OF THE COUNTY. SOME GRASSHOPPERS IN SCATTERED PORTIONS OF THE COUNTY. LIVESTOCK IN FAIRLY GOOD CONDITION. SOME OF THE RANGES HAVE STARTED TO TURN. COULD STAND MORE MOISTURE. PLentiful LABOR.

VALLEY: - THE WEATHER DURING THE WEEK HAS BEEN COOL AND CLOUDY WITH HEAVY SHOWERS OVER MOST OF THE COUNTY. SOME RATHER RESTRICTED AREAS, HOWEVER, ARE SUFFERING SEVERELY FOR LACK OF MOISTURE. GENERAL GROWING CONDITIONS ARE GOOD. DRYLAND GRAIN CROPS ARE IN GOOD SHAPE. IRRIGATED CROPS ARE DOING WELL, WITH ALFALFA BEING BACKWARD, DUE TO COOL WEATHER. LIVESTOCK IN GENERAL IS IN GOOD CONDITION, WITH THE RANGES THE BEST FOR A NUMBER OF YEARS. SHEARING IS IN FULL SWING WITH NO SALES OF WOOL REPORTED. NO LABOR NEEDED.

WHEATLAND: - RAIN FELL GENERALLY OVER THE COUNTY THE FIRST PART OF THE WEEK IN LARGE QUANTITIES. GROWING CONDITIONS GOOD. WEATHER WARMER. CROPS IN GOOD CONDITION. DUE TO RAINS AND WARMER WEATHER, THE GROWING CONDITIONS ARE GOOD. LIVESTOCK SITUATION SAME.

WIBAUX: - PRECIPITATION FOR THE WEEK .54 INCH. SOME HAIL. GROWING CONDITIONS GOOD. CROPS COMING IN GOOD SHAPE. SEEDING OF CORN AND FEED CROPS NEARLY COMPLETED IN THE COUNTY. FEW REPORTS OF CUT WORMS TAKING CORN. LIVESTOCK IN GOOD CONDITION. SHEEP SHEARING NEARING COMPLETION.

YELLOWSTONE: UNSETTLED AND COOL FIRST PART OF WEEK. SHOWERS TUESDAY AND WEDNESDAY. CLEAR AND WARM LATTER PART OF THE WEEK. HOT SATURDAY. .25 INCH PRECIPITATION DURING WEEK. WHEAT HEADED OUT IN NON-IRRIGATED DISTRICTS. PROSPECT UNUSUALLY GOOD FOR CROPS, PARTICULARLY ON SOUTH BENCHES. SPRING WHEAT AND OTHER SPRING GRAINS MAKING GOOD GROWTH. HAYING IS GENERAL IN IRRIGATED SECTIONS. CULTIVATION OF BEANS, THINNING OF BEETS AND IRRIGATION WERE MAJOR ACTIVITIES DURING WEEK. LIVESTOCK IN GOOD CONDITION. PASTURES AND RANGE GRASS GOOD. HOPPERS ARE APPEARING IN LARGE NUMBERS IN IRRIGATED SECTIONS AROUND BILLINGS AND ON NON-IRRIGATED BENCHES.

